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Lewisburg, Pa.

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UNIVERSITY OF ILLINOIS

ANNUAL CATALOGUE

...1901-1902...

THE

Fifty-Second Annual Catalogue

UNIVERSITY OF MICHIGAN LIBRARY
AUG 12 1910

OF THE

Officers and Students

OF

Bucknell University:

College of Liberal Arts.

FOR THE YEAR 1901-1902.

DEPARTMENTS.

The College of Liberal Arts, ... 11 to 90
The Academy for Young Men, ... 91 to 114
The Institute for Young Women, ... 115 to 146
The School of Music for both Sexes, ... 147 to 149

SUMMARY OF ATTENDANCE.

The College of Liberal Arts, ... 363
The Academy for Young Men, ... 81
The Institute for Young Women, ... 84
The School of Music for both Sexes, ... 142
Total (deducting names repeated), ... 561

PLAN AND PURPOSE OF THE UNIVERSITY.

CORPORATE RIGHTS.

The University was incorporated with full University privileges by the Legislature of Pennsylvania, in an Act approved by the Governor on the fifth day of February, A. D. 1846. The management of the University is committed to a Board of Trustees, consisting of twenty-five members, or fewer at the option of the Board. The trustees are prohibited, for any cause or under any pretext whatever, from encumbering by mortgage or otherwise the real estate or any other property of the Institution. It is required by the charter that no religious sentiments are to be counted a disability to hinder the election of an individual to any office among the teachers of the institution, or to debar persons from attendance as pupils, or in any manner to abridge their privileges or immunities as students in any department of the University.

ENDOWMENT.

The Institution has productive funds amounting to over $400,000. The endowment funds, raised at various times, were increased, in 1881, to an even $200,000. William Bucknell contributed to the general fund $115,000, and for scholarships and prizes about $25,000. One hundred thousand dollars additional for endowment was raised in 1892. In 1900, a fund of $75,000 for additional endowment and improvement was completed. An effort is now in progress to raise $100,000 for increasing the endowment. The total property of the Institution, aggregating over $800,000, has been contributed by individuals. The University has received no aid from the State.

FORM OF BEQUEST.

To persons desiring to aid in increasing the efficiency of the schools in their work of preparing young men and young women for usefulness, the following form of bequest is recommended:

I give and bequeath to the Bucknell University, at Lewisburg, Pa., the sum of.....dollars for the general purpose of said school, according to the Act of Assembly incorporating the same.

ORGANIZATION.

The University comprises four departments.

I. **The College** offers four Courses of study, leading respectively to degrees in Arts, Philosophy, and Science, and is open to both sexes.

II. **The Institute** for young women has three Courses of study, the Literary, the Classical, and the Scientific, leading to diplomas which admit to the Sophomore year in the College.

III. **The Academy** is designed to fit young men for College, either for the Classical, Philosophical, or Scientific course.

IV. **The School of Music** has full Courses in instrumental and vocal music, and grants diplomas to those who complete any of the specified Courses.

These schools are one corporation, have one President, who has general charge, with a Principal in more immediate charge of each of the subordinate departments. All expenses are met from funds in the hands of a common treasurer.

THE BOARD OF TRUSTEES.

CHAIRMAN, HARRY S. HOPPER, ESQ.,
28 South Third Street, Philadelphia.

SECRETARY, REV. A. JUDSON ROWLAND, D. D.,
1420 Chestnut Street, Philadelphia.

TREASURER, REV. DAVID PORTER LEAS, A. M.,
400 South Fortieth Street, Philadelphia.

HON. E. A. ARMSTRONG, A. M.
JOHN P. CROZER, ESQ.
HIRAM EDMUND DEATS, ESQ.
CALVIN GREEN, ESQ.
HON. WM. B. HANNA, D. C. L.
PRES. JOHN H. HARRIS, LL. D.
HARRY S. HOPPER, ESQ.
REV. DAVID PORTER LEAS, A. M.
CRAIGE LIPPINCOTT, ESQ.
HON. HAROLD M. McCLURE, A. M.
D. BRIGHT MILLER, A. M.
GEN. CHARLES MILLER, A. M.
GEORGE M. PHILIPS, PH. D.
REV. A. JUDSON ROWLAND, D. D.
REV. LEROY STEPHENS, D. D.
JAMES S. SWARTZ, ESQ.
ERNEST L. TUSTIN, A. M., ESQ.
JOSEPH K. WEAVER, A. M., M. D.
REV. HENRY G. WESTON, D. D., LL D.
HON. SIMON P. WOLVERTON, LL. D.

MEETINGS OF THE BOARD.

The annual meeting is held on Tuesday of Commencement week, at Lewisburg.

The semi-annual meeting is held on the second Thursday of January, at 1420 Chestnut Street, Philadelphia.

COMMITTEES OF THE BOARD.

COMMITTEE ON INSTRUCTION AND DISCIPLINE:

REV. A. JUDSON ROWLAND, D. D., *Chairman.*

REV. HENRY G. WESTON, LL. D., HON. SIMON P. WOLVERTON, LL. D.,
REV. LEROY STEPHENS, D. D., ERNEST L. TUSTIN, A. M.,
HON. W. B. HANNA, D. C. L., GEORGE M. PHILIPS, PH. D.,
AND THE PRESIDENT.

COMMITTEE ON FINANCE:

JAMES S. SWARTZ, *Chairman.*

REV. DAVID PORTER LEAS, A. M., JOHN P. CROZER, ESQ.,
HARRY S. HOPPER, ESQ., HIRAM EDMUND DEATS, ESQ.,
JOSEPH K. WEAVER, M. D., HON. E. A. ARMSTRONG, A. M.,
AND THE PRESIDENT.

COMMITTEE ON BUILDINGS AND LIBRARY:

D. BRIGHT MILLER, A. M., *Chairman.*

CRAIGE LIPPINCOTT, ESQ., PRES. JOHN H. HARRIS, LL. D.,
HON. SIMON P. WOLVERTON, LL. D., CALVIN GREENE, ESQ.,
GEN. CHARLES MILLER, A. M., HON. HAROLD M. McCLURE, A. M.

COMMITTEE ON PUBLICATION:

REV. LEROY STEPHENS, D. D., *Chairman.*

REV. DAVID PORTER LEAS, A. M., REV. HENRY G. WESTON, D. D.,
AND THE PRESIDENT.

THE UNIVERSITY PROPERTY.

I. THE MAIN COLLEGE.

The main College building is situated on a hill one hundred feet above the Susquehanna river, and overlooks scenery of unsurpassed beauty. It was designed by Thomas U. Walter, LL. D., architect of the dome and wings of the Capitol at Washington, D. C., and is in the Grecian style, combining dignity and simplicity. The building has a façade of three hundred and twenty feet. The central portion is eighty feet square, and is strengthened in front by four massive columns. On the first floor are six recitation rooms. On the second floor are the halls of the Theta Alpha and Euepia Literary Societies, the Library-rooms, Reading-room, and Museum of Natural History.

In the third story is Commencement Hall, with a seating capacity of fifteen hundred.

The wings on the eastern and western sides, respectively, of the Main Building, are each one hundred and twenty feet in length and four stories in height, and are used for students' rooms.

Several thousand dollars have been expended recently in improving the College building.

II. THE WEST COLLEGE.

The West College was ready for occupancy at the opening of the school year, September 20th, 1900. It is constructed of brick, four stories in height, and contains ninety-seven rooms, one of which is a hall for the use of the Young Men's Christian Association, another a reading-room, and the others are designed for the residence of students.

III. THE BUCKNELL HALL.

Bucknell Hall is the Chapel of the College. In it all the students of the College meet daily for worship.

IV. THE OBSERVATORY.

The Observatory was erected in 1887, and is designed for the use of students in Practical Astronomy.

The equipment represents the latest improvements in astronomical instruments. It consists of a Clark Equatorial Telescope of 10 inches aperture and 12½ feet focal length, furnished with a fine position Micrometer and all the usual accessories; a Spectroscope, with prism and grating by Brashear; a 3-inch prismatic Transit, with a 13-wire movable Micrometer, a Fauth Chronograph with Bond Spring Governor; a Waldo Precision Clock for sidereal time, with mercurial compensation, break circuiting apparatus; Daniell's battery and telegraph sounders; a Seth Thomas Clock for solar time; a Sextant; a 3-inch Altitude Azimuth Refractor; a set of Meteorological instruments; Celestial globes and maps, and standard works on Theoretical and Practical Astronomy.

V. THE LABORATORY.

The Laboratory was erected in 1890, and is a building forty-three feet in width and eighty-six feet in length, with two stories above the basement. In the first story, which has a clear height of fifteen feet, are a lecture-room, with seating for one hundred and twenty-five students, and a large working-room, in which are tables for individual work in Chemical Analysis; the second floor contains a lecture-room for the class in Physics, and rooms for laboratory work in Organic Science; the basement has a dark room for Photometry, a room for Applied Chemistry, another for Electricity, and a fire-proof room.

VI. THE TUSTIN GYMNASIUM.

The basement of the Gymnasium is built of stone, and contains an office for the director, rooms for students' lockers, dressing-rooms, and shower baths. The second story is built of brick, rising twenty-two feet from the main floor to the square and is open to the roof. At the height of twelve feet a running-track gallery, six feet wide, surrounds the room.

VII. THE ATHLETIC FIELD.

The field is conveniently located at the foot of "College Hill," and has been graded and fitted up for out-door sports. In the northwest corner, at the main entrance to the college grounds, a shaded section has been set aside for tennis. The athletic field is sufficiently large for foot-ball, base-ball, and lacrosse. A running track, a quarter-mile in length, has been constructed on the eastern part of the campus. The Tustin Gymnasium is located at the end of the field, so as to be near the centre of exercise, and easily accessible to the trainers and students.

VIII. THE ACADEMY.

1. The Main Building of the Academy is situated on "College Hill," and is fifty feet in width by eighty feet in length, and three stories in height. On the first floor is a dining-room, thirty feet by thirty-six feet; two recitation-rooms, a reception room and the Principal's office; on the second floor are suites of rooms for the Principal and his family and for the Matron; the third floor is occupied by students' rooms. These are twenty feet by twelve feet, and fourteen feet high.

2. The East Hall of the Academy is the Bucknell Cottage for young men, and is contiguous to the main building and connected with it by a covered passage-way. It is of brick, three stories high, sixty feet in length and forty feet in width, and is finished in natural wood. The building contains a general study-room, a recitation-room, teachers' apartments, and rooms for students. The rooms have high ceilings, large double windows with inside shutters and two commodious closets each.

Both buildings are supplied with hot and cold water and are warmed by steam.

IX. THE DEPARTMENT FOR WOMEN.

The buildings and campus of this department are set apart to the use of women taking courses in the College, in the Institute, and in the School of Music.

1. The Main Building contains, on the first floor, an office

for the Principal and the Registrar, a reception-room, the office of the Director of Music, five music-rooms, two recitation-rooms and a dining-hall; on the second floor a school-room and a parlor; on the third floor a library-room, teachers' apartments, and students' rooms.

2. The South Hall, erected in 1869, is devoted to students' rooms, except the third story, which is used as a gymnasium. This gymnasium has been lately improved and equipped.

3. The Bucknell Cottage stands to the southwest of the Main Building, and is connected with it by an enclosed passage-way. It is built of brick, in the Queen Anne style of architecture, and has dimensions of thirty-three feet by one hundred feet. The interior is finished in natural wood, and is equipped, in matters of light, heat, and ventilation, with modern improvements.

The portion allotted to students' rooms affords accommodations for forty occupants. These rooms are in suites on the general plan of a centre parlor, with bed-rooms and closets on either side. In this building is the **Studio,** a spacious room with such adjustments for the admission of light and supply of unencumbered wall surfaces as adapt it for the execution and display of art products.

All the buildings are supplied with hot and cold water, and are warmed by steam.

4. The Campus of the Women's Department comprises six acres, separated from the college grounds by Loomis Street.

X. HEATING AND LIGHTING PLANT.

A central steam heating and electric lighting plant has been erected; all the rooms, public and private, in the several buildings of the Institution will be warmed from this plant. The basement story has one room forty by forty-two for the heating plant and another, twenty by fifty for the electric plant. The main story is intended to accommodate the department of physics.

XI. THE PRESIDENT'S HOUSE.

The Corporation also owns a house for the use of the President of the University.

THE COLLEGE.

THE FACULTY AND OTHER OFFICERS

JOHN HOWARD HARRIS, PH. D., LL. D., PRESIDENT,
AND PROFESSOR OF PSYCHOLOGY AND ETHICS.

*FREEMAN LOOMIS, A. M., PH. D.,
PROFESSOR OF MODERN LANGUAGES AND LITERATURE.

GEORGE G. GROFF, M. D., PH., D., LL. D.,
PROFESSOR OF ORGANIC SCIENCES.

WILLIAM CYRUS BARTOL, A. M., PH. D.,
PROFESSOR OF MATHEMATICS AND ASTRONOMY.

FRANK ERNEST ROCKWOOD, A. M., LL. D.,
PROFESSOR OF THE LATIN LANGUAGE AND LITERATURE,
AND DEAN OF THE COLLEGE.

WILLIAM GUNDY OWENS, A. M.,
PROFESSOR OF PHYSICS AND CHEMISTRY.

ENOCH PERRINE, A. M., LITT. D.,
JOHN P. CROZER PROFESSOR OF RHETORIC AND ENGLISH LITERATURE,
AND SECRETARY OF THE FACULTY.

*On leave of absence.

THOMAS FRANKLIN HAMBLIN, A. M.,
NEW JERSEY PROFESSOR OF THE GREEK LANGUAGE AND LITERATURE.

LINCOLN HULLEY, A. M., PH. D.,
PROFESSOR OF HISTORY.

WILLIAM EMMET MARTIN, A. M.,
PROFESSOR OF LOGIC AND ANTHROPOLOGY.

MISS EVELINE JUDITH STANTON, PH. M.,
DEAN OF THE COLLEGE WOMEN.

NELSON FITHIAN DAVIS, SC. M.,
ASSISTANT PROFESSOR OF ORGANIC SCIENCE.

EPHRAIM M. HEIM, PH. D.,
PROFESSOR OF ECONOMIC AND POLITICAL SCIENCE.

GUIDO CARL LEO RIEMER, A. M.,
PROFESSOR OF MODERN LANGUAGES.

ELYSÉE AVIRAGNET, A. M., MUS. DOC.,
INSTRUCTOR IN THE ROMANCE LANGUAGES.

ALBERT BURNS STEWART, A. M.,
INSTRUCTOR IN MATHEMATICS.

THOMAS JOHNSON MORRIS, A. B.,
INSTRUCTOR IN ELOCUTION.

MISS JENNIE DAVIS, PH. B.
ASSISTANT IN ENGLISH.

MISS ELIZABETH LILLIAN FOUST, PH. M.
READER IN ENGLISH.

HAROLD MURRAY McCLURE, A. M.,
PRESIDENT JUDGE, SEVENTEENTH JUDICIAL DISTRICT,
LECTURER ON CONTRACTS AND PRACTICE.

FREDERICK EVANS BOWER, A. M.,
ATTORNEY-AT-LAW,
LECTURER ON CRIMES AND TORTS.

ALBERT WILLIAM JOHNSON, A. M.,
ATTORNEY-AT-LAW,
LECTURER ON REAL PROPERTY AND EQUITY.

WILLIAM LEISER, M. D.,
LECTURER ON SURGERY.

WEBER L. GERHART, M. D.,
LECTURER ON ANATOMY.

CHARLES ALEXANDER GUNDY, M. D.,
LECTURER ON PATHOLOGY.

GEORGE DANA BOARDMAN, D. D., LL. D.,
LECTURER ON SOCIAL ETHICS.

LEMUEL MOSS, D. D., LL. D.,
LECTURER ON SOCIAL SCIENCE.

BENAIAH L. WHITMAN, LL. D.,
LECTURER ON PRACTICAL ETHICS.

WILLIAM EMMET MARTIN, A. M.,
LIBRARIAN.

WILLIAM CHRISTIAN GRETZINGER, PH. B.,
REGISTRAR OF THE UNIVERSITY.

REV. CALVIN AURAND HARE, A. M.,
FINANCIAL SECRETARY.

ALUMNI ASSOCATIONS.

The General Alumni Association.

President, Rev. JAMES HENRY HASLAM, A. M., Williamsport.
Secretary, Prof. W. G. OWENS, A. M., Lewisburg.

The Alumni Club of Philadelphia.

President, SAMUEL BOLTON, A. M., M. D., Philadelphia.
Secretary, ROBERT MELVILLE HUNSICKER, A. M., Philadelphia.

The Alumni Club of New York City.

President, T. A. K. GESSLER, D. D., New York City.
Secretary, W. R. MAUL, PH. B., Erastina, L. I.

The Alumni Club of Pittsburg.

President, JOHN SPEED HUTSON, D. D., Allegheny.
Secretary, WILLIAM M. WOODWARD, M. D., McKeesport.

The Alumni Club of the University of Chicago.

President, A. R. E. WYANT, PH. D., Chicago.
Secretary, JOSEPH C. HAZEN, PH. B., Chicago.

The Alumni Club of North-Eastern Pennsylvania.

President, JAMES ERNEST FREAR, A. M., ESQ., Tunkhannock.
Secretary, CHARLES W. DAWSON, ESQ., Scranton.

The Alumni Club of Harrisburg.

President, JOHN C. NISSLEY, A. M., ESQ., Harrisburg.

Secretary, * HOWARD L. CALDER, A. M., ESQ., Harrisburg.

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President, HENRY H. BLISS, A. M., ESQ., Washington, D. C.

Secretary, A. F. ANDERSON, A. B., Washington, D.C.

The Alumni Club of Central Pennsylvania.

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Secretary, S. F. FORGEUS, D. D., Huntingdon.

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President, PROF. W. W. KELCHNER, A. M., Williamsport.

Secretary, CLARENCE A. WEYMOUTH, SC. B., Lock Haven.

The Alumni Club of Lewisburg.

President, ANDREW A. LEISER, A. M., ESQ., Lewisburg.

Secretary, CHARLES J. WOLFE, A. M., Lewisburg.

---

* Deceased.

NAMES OF STUDENTS.

GRADUATE STUDENTS.

NAME.	RESIDENCE.
Laura Louise Allen, A. B.,	*Coudersport*
Archibald Merrill Allison, A. B.,	*Spring Mills*
Lyndon Ernest Ayers, A. B.,	*Clifford*
Charles Franklin Bidelspacher, A. B.,	*Montoursville*
Sarah Martha Black, A. M.,	*Lewisburg*
Catherine Ruth Bower, A. B.,	*Lewisburg*
Irving Herbert Buckminister, PH. B.,	*Evanston, Wyo.*
Percy Myron Bullard, A. B.,	*Williamsport*
Charles Ernest Bunnell, A. B.,	*Kodiak, Alaska*
Frank Eugene Burpee, A. B.,	*New Orleans, La.*
James Llewellyn Cattel, A. B.,	*Chestnut Hill*
Emmanuel Wilson Cober, SC. B.,	*Philadelphia*
Mary Protheroe Davies, SC. B.,	*Scranton*
Jennie Davis, PH. B.,	*Lewisburg*
Amos Kapp Deibler, A. B.,	*Sunbury*
Frank Weber Dillon, A. B.,	*Erie*
Glen Giffin Durham, SC. B.,	*Watsontown*
Minnie Gertrude Eckels, PH. B.,	*Edinboro*
David Hayes Elliot, A. B.,	*San Domingo, Cal.*
Andrew Nevinger Evans, A. B.,	*Wood Island, Alaska*
Jerome Clark Fetzer, PH. B.,	*Indiana*
Levi Truckenmiller Fetzer, PH. B.,	*New York City*
Edward Flint, A. B.,	*Oil City*
Simon Ward Gilpin, PH. B.,	*Virginia, Minn.*
Maria Maude Goddard, A. B.,	*Lewisburg*
Benjamin W. Griffith, PH. B ,	*Lock Haven*
Emma Beulah Hayes, PH. B.,	*Lewisburg*
Elmer Ellsworth Hess, A. B.,	*Huntington Mills*
Katherine Mott Johnson, A. B.,	*Payson, Utah*
Mary Anna Kline Bunnell, PH. B.,	*Kodiak, Alaska*
Charles Dison Koch, PH. B.,	*New York City*
Creighton M. Konkle, A. B.,	*New York City*
Ralph Frederick Koons, PH. B.,	*Conyngham*
Rush Harrison Kress, PH. B.,	*New York City*

NAME.	RESIDENCE.
Daniel Horatio Krise, ph. b.,	*Mayfield*
Sarah Esther Lee, a. b.,	*Jermyn*
Charles Franklin McMann, a. b.,	*Tecumseh, Neb.*
Howard Curtis Meserve, a. b.,	*Hartford, Conn.*
Jacob Henry Minnick, a. b.,	*Orrstown*
John Henry Neuhauser, a. b.,	*Springfield, Ohio*
Edith Lee Phillips, a. b.,	*Bridgeton, N. J.*
William Carey Purdy, sc. b.,	*Big Run*
Frank Joseph Rawlinson, a. b.,	*Rochester, N. Y.*
Edgar Reed, a. b.,	*Montoursville*
David Howard Robbins, a. b.,	*Pottsgrove*
Edna Schuyler Shires, sc. b.,	*Allegheny City*
Thornton Moore Shorkley, ph. b.,	*Philadelphia*
Harry Collins Simons, sc. b.,	*Oak Lane*
Amandus Merkle Smith, a. b.,	*Kutztown*
Arthur Anson Smith, ph. b.,	*Williamsport*
Harry Thomas Sprague, ph. b.,	*Haddon Heights, N. J.*
Myra Amy Sprague, a. b.,	*Factoryville*
Benjamin Franklin Thomas, a. b.,	*Factoryville*
Lewis Clark Walkinshaw, ph. b.,	*Greensburg*
Bertha Celestine Watkins, a. b.,	*Chicago*
Margaret Ellen Wensel, sc. b.,	*Wilmington, Del.*
Mabel Estelle Wheeler, ph. b.,	*Marion, Va.*
Augusta Genevieve White, sc. b.,	*Ann Arbor, Mich.*
Rutledge Thornton Wiltbank, *Jr.*, ph. b.,	*Chester*
Charles Wagner Wolfe, a. b.,	*Newton Centre, Mass.*
Jennie May Wood, a. b.,	*Factoryville*
Alicia Mitchell Zierden, sc. b.,	*Johnsonburg*

Graduate Students, 62.

THE SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
EDNA LORINE BACON,	*Dividing Creek, N. J.*	Institute
ORREN REGNALL BARRETT,	*Fisher's Ferry.*	No. 91, West College
ABNER DETWILER BENTZ,	*Bloomsburg.*	No. 8, East Wing
BENJAMIN FRANKLIN BIEBER,	*Pottsgrove.*	No. 25, East Wing
CHARLES ISAIAH BOYER,	*Mandata.*	No. 13, West Wing
HELEN WITTER BUOY,	*Milton.*	Institute
EDWARD BURROWS,	*Keyport, N. J.*	No. 3, East Wing
GEORGE T. COOPER,	*Schellsburg.*	South Fifth Street
JOHN DAVIS,	*Nanticoke.*	No 14, West Wing
JOSEPH SANFORD DAVIS,	*Othello, N. J.*	South Sixth Street
GERTRUDE JANE DEPPEN,	*Mt. Carmel.*	Institute
MARTIN LINNÆUS DRUM,	*Shippensburg.*	No 65, West College
WILLIAM LEIGH DURHAM,	*Watsontown.*	Watsontown
CALVIN HAYES ELLIOTT,	*Hartleton.*	No. 8, West Wing
GEORGE WASHINGTON ENGLISH,	*Pittsburg.*	No. 52 West College
CHARLES EDWARD GOODALL,	*Camden, N. J.*	No. 3, East Wing
RAYMOND GREENE,	*Lewistown.*	No. 70, West College
CARRIE JEANETTE HALFPENNY,	*Milton.*	Institute
HENRY THOMAS HARVEY, JR.,	*Lock Haven.*	No. 16½, East Wing
ELI PETER HECKERT,	*Lewisburg.*	322 Market Street
LOUIS V. HOTTENSTEIN,	*Kutztown.*	No. 32, West College

NAME.	RESIDENCE.	ROOM.
HENRY JOSEPH JOHNSON,	*Sharon Hill.*	No. 5, East Wing
SARAH ETHEL JUDD,	*Lewisburg.*	University Avenue
THOMAS PHILLIPS KYLE,	*Brooklyn, N. Y.*	No. 24, West Wing
WILLIS EDGAR MANEVAL,	*Liberty.*	No. 4, West Wing
OLIN STACY VOKE MARTS,	*Dividing Creek, N. J.*	No. 55, West College
JOHN WILLIAM MCCRACKEN,	*Kerrmoor.*	No. 10, West Wing
JOSEPH EDWARD MILLEN,	*Stanton.*	No. 22, East Wing
ANNIE E. NOAKER,	*Milton.*	Institute
JOHN BLACK PACKER,	*Sunbury.*	No. 68, West College
FRANCES ANNA RACE,	*Scranton.*	800 Market Street
PHILIP REILLY,	*Philadelphia.*	No. 24½, East Wing
WILLIAM SAWYER ROBINSON,	*Mooresburg.*	No. 12, West Wing
CHARITY MARGARET RUNYAN,	*Lewisburg.*	South Seventh Street
FRANCES GERTRUDE SCOTT,	*Lewisburg.*	South Fourth Street
JEANETTE BENNETT SHEPARD,	*Baltimore, Md.*	Institute
THOMAS ANDREW SHERBONDY,	*Bala.*	No. 1, East Wing
JAMES WILSON SNYDER,	*Fisher's Ferry.*	No. 3, East Wing
FRANK WHITE STANTON,	*Chinchilla.*	No. 27, West College
MARY EDNA THATCHER,	*Lewisburg.*	Brown Street
LEWIS EDWIN THEISS,	*Bridgeton, N. J.*	No. 29, East Wing
LEVI JOSEPH ULMER,	*Hepburn.*	No. 4, West Wing

NAME.	RESIDENCE.	ROOM.
Mary A. Unger,	*Danville.*	Institute
Yencer Weidensaul,	*Lewisburg.*	South First Street
John Holman Weiser,	*Mahantango.*	No. 22, West Wing
Lulu Welliver,	*Danville.*	Institute
John E. Williams,	*Freeland.*	Freeland
Thomas Lamar Williams,	*Mt. Carmel.*	No. 10, West Wing
Charles Arthur Woodard,	*Bradford.*	No. 60, West College
William D. Zerby,	*Sober.*	South Sixth Street

Seniors, 50.

THE JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Sarah Hamill Ayres,	*Hightstown, N. J.*	South First Street
Irwin Albert Bartholomew,	*Sunbury.*	No. 25, West Wing
John Weiser Bassler,	*Sunbury.*	No. 53, West College
Walter Bertolette,	*Mauch Chunk.*	No. 69, West College
Harry Edmund Bilger,	*Curwensville.*	No. 6, West Wing
George Ripley Bliss,	*Washington, D. C.*	No. 83, West College
Joanna Boyce,	*Wellsboro.*	Institute
John Jay Brandt,	*Marietta.*	No. 15, East Wing
Remembrance Forde Bresnahan,	*Etra, N. J.*	No. 15½, East Wing
Alice Jessamine Butler,	*Wattsburg.*	South Sixth Street
Elva Sarah Coleman,	*Reynoldsville.*	Institute

NAME.	RESIDENCE.	ROOM.
JOHN BELMONT COOK,	*Forrestville, N. Y.*	No. 19, East Wing
ROBERT MACGREGOR DARLINGTON,	*Lewisburg.*	University Avenue
ALEXANDER FOREST DERSHIMER,	*Scranton.*	No. 3, West Wing
SYLVESTER DUNLAP,	*Montoursville.*	No. 2, West Wing
EMMA REBEKAH EBLING,	*Danville.*	Institute
MERLE MOE EDWARDS,	*Lewisburg.*	Academy
CHARLES FRED EISENMENGER,	*Warrensville.*	No. 5, West Wing
WALLACE WILMER FETZER,	*Montandon.*	No. 25, East Wing
MANSFIELD FRENCH FORBELL	*Lynbrook, L. I., N. Y.*	Market Street
JANE RIDGWAY FOWLER	*Olean, N. Y.*	Institute
JAMES VILLARD FRAMPTON,	*Clarion.*	No. 42, West College
HENRY PARKER FRIEND,	*Philadelphia.*	No. 18, West Wing
MARY ALMA GARRISON,	*Bridgeton, N. J.*	South Third Street
JOSEPH ELLSWORTH GLASPEY,	*Bridgeton, N. J.*	No. 19, East Wing
HANNAH GOODMAN,	*Lewisburg.*	South Third Street
ABRAM CYRUS GUNTER,	*Mt. Pleasant.*	Lewisburg
REESE HARVEY HARRIS,	*Lewisburg.*	University Avenue
SAMUEL A. HART,	*Ringtown*	No. 8½, East Wing
JAMES LLOYD KALP,	*Mt. Pleasant.*	No. 17, West College
WILLIAM LAWRENCE KALP,	*Mt. Pleasant.*	No. 18, West College
MARY LILA LONG,	*Williamsport.*	Institute
IDA EVELINE LUCHSINGER,	*West Pittston.*	Institute

NAME.	RESIDENCE.	ROOM.
Ogleby James McNitt,	*Siglerville.*	St. George Street
William Nogel Marsh,	*Lewisburg.*	400 Market Street
Harry Sill Mauser,	*McEwensville.*	No. 23, East Wing
Robert Simington Moorhead,	*Milton.*	Milton
Walter Kremer Rhodes,	*Fairplay.*	No. 32, West Wing
Grace Browning Roberts,	*Williamsport.*	Institute
Harry Thornton Ruhl,	*Mifflinburg.*	No. 32, East Wing
John Calvin Sanders,	*Vicksburg.*	Vicksburg
Helen Agatha Selinger.	*McKean.*	Institute
Walter Whetmore Senn,	*Williamsport.*	No. 35, West College
Morton Rutherford Sheldon,	*Springboro.*	No. 14, East Wing
Charlotte Elliott Shields,	*Lewisburg.*	107 North First Street
Charles Cushman Shorkley,	*Lewisburg.*	South Third Street
Jacob Frederick Sigel,	*Mercersburg.*	No. 51, West College
Frank King Singiser,	*Allentown.*	No. 62, West College
Clara Jane Slifer,	*Lewisburg.*	Lewisburg
John McKissick Snow,	*Franklin.*	No. 18, West Wing
Cloyd Nillis Steininger,	*Lewisburg.*	No. 25, East Wing
Anna Stephens,	*Lewisburg.*	800 Market Street
George Herbert Stewart,	*Lewisburg.*	South Sixth Street
Ernest Launcelot Taylor,	*Luzerne.*	No. 23, East Wing

NAME.	RESIDENCE.	ROOM.
Robert Josiah Terrell,	*New York City.*	No. 13, East Wing
Martha Jane Thomas,	*Frostburg, Md.*	Institute
Carl Wayland Tiffany,	*Fleetville.*	No. 29, East Wing
David Robinson Walkinshaw,	*Greensburg.*	No. 31, West College
Eli Slifer Walls,	*Lewisburg.*	South Third Street
Alvin Monroe Weaver,	*Hughesville.*	No. 6, East Wing
Howard King Williams,	*Philadelphia.*	No. 15, West Wing
Roger Henry Williams,	*Forrest City.*	No. 15, West Wing
John Adam Young,	*New Columbia.*	No. 31, East Wing

Juniors, 63.

THE SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
Ford Dorrance Bacon,	*Harveyville.*	No. 67, West College
Blanche Allyn Bane,	*Norristown.*	Institute
Ralph Lesher Belford,	*Milton.*	Milton
Percival DeWees Browning,	*Orbisonia.*	St. George Street
Gaul Carrier,	*Summerville.*	St. George Street
Carroll Caruthers,	*Irwin.*	No. 94, West College
William Frank Caruthers,	*Irwin.*	No. 93, West College
Haldy M. Christ,	*Millersville.*	No. 31, East Wing

NAME.	RESIDENCE.	ROOM.
THOMAS EDWARD CULE,	*Plymouth.*	South Sixth Street
LEWIS BAYARD CUSTER,	*Llanwellyn.*	No. 30, West College
FRANK GARFIELD DANIELS,	*Nanticoke.*	No. 12, East Wing
GILBERT MASON DEATS,	*Pittstown, N. J.*	No. 58, West College
JAMES G. DURHAM,	*Watsontown.*	Watsontown
CHARLES HODGE EALY,	*Schellsburg.*	No. 16, East Wing
RACHEL EDNA EDDLEMAN,	*Greensburg, Ind.*	North Third Street
ROGER SAUNDERS EDWARDS,	*Lewisburg.*	Academy
JOHN HENRY EISENHAUER, JR.,	*Kelly Point.*	Kelly Point
RALPH ELLIOT,	*Tower City.*	No. 40, West College
INEZ BELLE FIKE,	*Dundaff.*	South Sixth Street
MARY ALLISON FOWLER,	*Olean, N. Y.*	Institute
WALTER SCOTT GEARHART,	*Curwensville.*	No. 11, West Wing
ELWOOD F. GILBERT,	*Montoursville.*	No. 2, West Wing
EDWIN PATTERSON GRIFFITHS,	*Pittsburg.*	No. 78, West College
MARGARET GROFF,	*Lewisburg.*	Lewisburg
VELOLA E. HALL,	*Sharon.*	Institute
JULIUS ROBERT HAYES,	*Montoursville.*	No. 40, West College
JOHN EDWARD HEIDENREICH,	*Mahanoy City.*	St. George Street
JOHN HENRY HOELZEL,	*Salem, N. J.*	No. 75, West College
JOHN ERB HUNSBERGER,	*Ephrata.*	No. 5, East Wing

NAME.	RESIDENCE.	ROOM.
CLARENCE MILLER HURSH,	*Mifflinburg.*	No. 32, East Wing
JOHN C. JOHNSON,	*Red Top.*	Red Top
ALBERT GEORGE KARGE,	*Camden, N. J.*	No. 18, East Wing
WALTER BRUCE KESTER,	*Curwensville.*	No. 14, West Wing
ROYAL IVAN KNAPP,	*Lake Pleasant.*	No. 30, West Wing
GRACE BELLE LESHER,	*Northumberland.*	South Fourth Street
LENA RUTH LESHER,	*Northumberland.*	South Fourth Street
JOHN LEVERING LIVEZEY,	*Philadelphia.*	No. 20, West College
MAURICE CALDWELL MCGIFFEN,	*Brookville.*	No. 29, West College
WILLIAM MUENCH MARTZ,	*Crowl.*	No. 34, West College
HERBERT LEE MILLIGAN,	*Bradford.*	No. 36, West College
EBENEZER EDWARD MORRIS,	*Mahanoy City.*	No. 50, West College
CHARLES R. MYERS,	*Lewisburg.*	North First Street
HAROLD PERRINE,	*Lewisburg.*	No. 1 First Street
ELIZABETH EVA REED,	*Lewisburg.*	North Third Street
CHESTER BENJAMIN RENN,	*Unityville.*	No. 19, West Wing
LOUIS WILLIAM ROBEY,	*Baltimore, Md.*	No. 5, West Wing
DAVID WALLACE ROBINSON,	*Moorsburg.*	No. 12, West Wing
IRA SANKEY SHEPPARD,	*Newport, N. J.*	No. 15, East Wing
OLIVE SCHILLINGER,	*Martin's Ferry, O.*	Institute
WILLIAM HARLEY SLIFER,	*Lewisburg.*	Lewisburg

NAME.	RESIDENCE.	ROOM.
JOHN HENRY STAHL,	*Milton.*	Milton
ALIF STEPHENS,	*Lewisburg.*	Market Street
RUTH STEPHENS,	*Lewisburg.*	Market Street
DEAN MARVIN SUTTON,	*Union City.*	No. 22, East Wing
CHARLES MILTON TEUFEL,	*Milton.*	Milton
ROBERT WILLIAM THOMPSON,	*Irwin.*	No. 17, East Wing
WESLEY JOHN WALTER,	*Lewisburg.*	South Fourth Street
LLOYD WEBSTER,	*East New Market, Md.*	No. 59, West College
BENJAMIN FRANKLIN WHITE, JR.,	*Bradford.*	No. 61, West College
CHARLES GABRIEL WHITEHEAD,	*Williamsport.*	No. 41, West College
LEWIS HENRY WIEGEL,	*Irwin.*	No. 17, West Wing
WALTER SAMUEL WILCOX,	*Canton.*	St. George Street
BESSIE ALVINA WILLIAMS,	*Lansford.*	South Fourth Street
CLYDE DALE WOLFE,	*Lewisburg.*	Lewisburg

SOPHOMORES, 64.

THE FRESHMAN CLASS.

NAME.	RESIDENCE.	ROOM.
ANNA MERTIE ALEXANDER,	*Marietta.*	Institute
FRANK ELLSWORTH AMMON,	*Strode's Mill.*	No. 16, East Wing
JOHN CALVIN ANDERSON,	*Butler.*	No. 77, West College
JEREMIAH STAMEY AUSHERMAN,	*Duffield.*	No. 17, East Wing

NAME.	RESIDENCE.	ROOM.
William Andrew Bartol,	*Lewisburg.*	University Avenue
Paul Carnahan Barton,	*Allegheny.*	No. 88, West College
Emory Oliver Bickel,	*West Milton.*	West Milton
Joseph S. Bittenbender,	*Nanticoke.*	No. 38, West College
Robert Alexander Blackwood,	*Scranton.*	No. 32, West Wing
Roy Grier Bostwick,	*Du Bois.*	No. 85, West College
Ray Preston Bowen,	*Wellsboro.*	No. 84, West College
Mary Isabel Bower,	*Lewisburg.*	South Sixth Street
Ferne Frick Braddock,	*Mt. Pleasant.*	Institute
George DeWitt Buhl,	*Marienville.*	No. 54, West College
Laverda Adelia Burgart,	*Altoona.*	Institute
Edward Milton Campbell,	*Butler.*	No. 77, West College
Maud Mabel Capwell,	*Scranton.*	Institute
Albert Miller Carringer,	*Marienville.*	No. 27, West Wing
George Washington Cheesman,	*Gloucester City, N. J.*	No. 18, West Wing
Helen Isabel Overholt Clark,	*Mt. Pleasant.*	Institute
George Washington Cockill,	*Glen Carbon.*	No. 21, East Wing
Harry Allen Coryell,	*Shamokin Dam.*	No. 26, West College
Francis Willard Cowell,	*West Seneca, N. Y.*	No. 14, West College
William Harry Cox, Jr.,	*New Castle.*	No. 4, East Wing
Josephine Adelia Crater,	*Narcissa.*	Institute
Zaccheus Daniel,	*Hawthorn.*	No. 2, East Wing

NAME.	RESIDENCE.	ROOM.
GEORGE CRESWELL DAVIS,	*Milton.*	Milton
BEATRICE DEARING,	*Wattsburg.*	Institute
WILLIAM LUTHER DENTLER,	*Watsontown.*	Watsontown
JAMES EDWARD ELLIOT,	*New Castle.*	No. 71, West College
DOMINGO EVIA,	*Merida, Mexico.*	No. 63, West College
SAMUEL EUGENE FLACK,	*Lairdsville.*	No. 19, West Wing
JOHN HENRY FLOOD,	*Bridgeton, N. J.*	No. 29, East Wing
CLARENCE LYNN FRY,	*Harrisburg.*	No. 63, West College
EDMUND ROY GARDNER,	*McKeesport.*	No. 80, West College
SAMUEL GEMBERLING,	*New Columbia.*	New Columbia
WILLIAM WELLWOOD GILL,	*Wilkinsburg.*	No. 20, West Wing
WILLIAM S. GILMORE,	*Montgomery.*	No. 29, West Wing
NELLIE MAY GODDARD,	*Lewisburg.*	South Water Street
LYNN SUMNER GOODMAN,	*Loganton.*	No. 23, West College
MOUNTFORD JAMES GREENE,	*Smethport.*	No. 17, East Wing
WILLIAM AMOS WARREN GRIER,	*Salem, N. J.*	No. 6, East Wing
RALPH FLETCHER GRIFFITHS,	*Pittsburg.*	No. 78, West College
JOHN CHARLES GROFF,	*Lewisburg*	Lewisburg
LEVI MORRILL HAINER,	*Norristown.*	No. 28, West Wing
WYMAN LEONARD HALL,	*Elizabeth.*	No. 28, East Wing
ROY HANNA,	*Bradford.*	No. 26, West Wing

NAME.	RESIDENCE.	ROOM.
NORMAN ELWOOD HENRY,	*Williamsport.*	No. 28, West Wing
PHARES GROSS HESS,	*Manheim.*	No. 5, East Wing
RALPH JACOB HESS,	*Williamsport*	No. 56, West College
JAMES A. HUGHES,	*Mount Carmel.*	No. 87, West College
LEWIS COLUMBUS HYLBERT,	*Clarksburg, W. Va.*	No. 11, East Wing
ERSKINE JARRETT,	*Montgomery.*	No. 29, West Wing
NELLIE ESTELLA JOHNSON,	*Mount Carmel.*	Institute
HERBERT LEROY JONES,	*Carnegie.*	No. 17, West Wing
ROBERT ODILLON KLOTZ,	*Lansford.*	No. 25, West College
HAROLD VONEIDA LESHER,	*Northumberland.*	South Fourth Street
DONALD ROCKEFELLER MCCAIN,	*Philadelphia.*	No. 57, West College
FRANCIS LEROY MCCAULEY,	*Horseheads, N. Y.*	No. 30, West Wing
JESSIE MCFARLAND,	*Watsontown.*	Watsontown
GEORGE RUPERT MCMINN,	*Burlington, Ia.*	No. 49, West College
JOSEPH FREDERIC MCMURRAY,	*Burlingame.*	No. 21, West Wing
ROBERT BRUCE MACKEY,	*Waverly.*	No. 24, West College
JAMES COOPER MADDEN, JR.,	*Jeannette.*	No. 20, West Wing
CHARLES STEPHEN MARSH,	*New Bethlehem.*	No. 2, East Wing
GLENN LAVERNE MARSH,	*Jackson.*	No. 26, West Wing
EARL AUSTIN MORTON,	*Dravosburg.*	No. 79, West College
HELENA MOE OLDS,	*Elmhurst.*	University Avenue

NAME.	RESIDENCE.	ROOM.
Inez Edna Olds,	*Elmhurst.*	University Avenue
Clarence Ira Philips,	*Turbotville.*	No. 28, East Wing
Clarence Eugene Prout,	*Wiconisco.*	St. George Street
Milton Hayden Parry Prout,	*Wiconisco.*	St. George Street
Punderson Avery Rainey,	*Tunkhannock.*	South Sixth Street
Lee Russell Ranck,	*Lewisburg.*	South Third Street
Florence Emily Reed,	*Williamsport.*	Market Street
Texie Eleanor Reeder,	*Edinboro.*	Institute
Harry Wilbur Remer,	*Lewisburg.*	South Sixth Street
Walter Lee Riggs,	*McKeesport.*	No. 86, West College
Roberts Dale Royer,	*Huntingdon.*	No. 44, West College
Charles Henry Scheick,	*Uniontown.*	No. 8, West College
Blaine Walter Scott,	*Monongahela.*	No. 72, West College
DeForest Armstrong Scoville,	*Coudersport.*	No. 7, East Wing
Samuel Major Seibert,	*Coudersport.*	No. 7, East Wing
Charles Shaw,	*Tivoli.*	No. 9, West Wing
Isaac Sheppard Sheppard,	*Newport, N. J.*	No. 11, East Wing
Robert Francis Sheppard,	*Cedarville, N. J.*	No. 6, East Wing
Paul Garfield Smith,	*Harrisburg.*	No. 8, West Wing
Pearl Lois Smith,	*Erie.*	South First Street
Wendall Richmond Smith,	*Factoryville.*	No. 27, East Wing
Clark Snyder,	*Bloomsburg.*	No. 92, West College

NAME.	RESIDENCE.	ROOM.
ANTHONY STEINHILPER,	*Warrensville.*	No. 21, West Wing
EVA BLANCHE STONER,	*Alverton.*	Institute
JAMES STRIMPLE, JR.,	*Pedricktown, N. J.*	No. 20, East Wing
JAMES TAGGART,	*Frackville.*	No. 81, West College
CHARLES HOWARD TAYLOR,	*Irwin.*	No. 37, West College
NELLIE THOMAS,	*Philipsburg.*	Institute
NORMAN MATTOON THOMAS,	*Lewisburg.*	Market Street
HAROLD EDWARD TIFFANY,	*Lewisburg.*	South Sixth Street
ALBERT OGDEN VORSE,	*Lewisburg.*	North Fourth Street
LOUIS JOSEPH FREDERICK WELCH,	*Eldred.*	No. 95, West College
GEORGE LIDY WHITAKER,	*Curwensville.*	No. 17, West Wing
CLIFFORD VERNON WILLIAMSON,	*Salladasburg.*	No. 9, West Wing
THOMAS WOOD,	*Muncy.*	No. 45, West College
WALTER ZIMMERMAN,	*Shamokin.*	No. 33, West College

FRESHMEN, 104.

PURSUING SPECIAL STUDIES.

NAME.	RESIDENCE.	ROOM.
ESTELLA MAY ALBRIGHT,	*Mifflinburg.*	Market Street
HARRY BUBB BIBBY,	*Milton.*	Milton
RAYMOND SWISHER CARPENTER,	*Lewisburg.*	Market Street
OSCAR PROTHEROE DAVIES,	*Scranton.*	No. 74, West College

NAME.	RESIDENCE.	ROOM.
CHARLES RANDOLPH GALBRATH, Jr.,	*Franklin.*	No. 68, West College
FREDERIC BLAIR JAEKEL,	*Huntingdon.*	No. 16, West College
WILLIAM CARPENTER KELLY,	*Lewisburg.*	Market Street
EDWARD FRANKLIN LEINBACH,	*Reading.*	Market Street
THOMAS JAMES MCCABE,	*Mahanoy City.*	No. 6, West Wing
HARRY EDWARD MCCORMICK,	*Philadelphia.*	No. 3, East Wing
WILLIAM JAMES MCMAHON,	*Pittsburg.*	No. 22, West College
WILLIAM GRAY MURDOCK,	*Milton.*	Milton
WILLIAM ROBERTS,	*Frackville.*	No. 82, West College
CARLTON G. SHELDON,	*Springboro.*	No. 14, East Wing
JAY WARREN SHELLY,	*Port Royal.*	No. 4, East Wing
JOHN BEISEL SMILEY,	*Titusville.*	No. 5, West College
WILSON WILLARD STAVER,	*Williamsport.*	Williamsport
EDGAR TAFT STEVENSON,	*Franklin.*	No. 6, West College
WILLIAM STRIMPLE,	*Pedricktown, N. J.*	No. 20, East Wing
RALPH JAY WEISS,	*Williamsport.*	No. 66, West College
	SPECIALS, 20.	

SUMMARY.

Graduate Students,	62
The Senior Class,	50
The Junior Class,	63
The Sophomore Class,	64
The Freshman Class,	104
Pursuing Special Studies,	20
Total in the College,	363

ADMISSION.

TO FRESHMAN STANDING.

EXAMINATIONS.

Examinations for admission to the Freshman Class will be held on Monday of Commencement week. Candidates will assemble in Bucknell Hall at 8.30 A. M.

Similar examinations are also held on the day preceding the opening of each term. In special cases, candidates may be examined and admitted at other times in the year.

There must be furnished to the President by the candidate satisfactory testimonials of good moral character, and, if from another college, a certificate of honorable dismission must be presented.

The required age for admission to the Freshman Class is fifteen years.

I. GENERAL REQUIREMENTS.

Candidates for admission to any of the courses must pass examinations in the following:

ENGLISH.

a. Writing from dictation.

b. English Grammar.

c. Elements of Rhetoric—Invention, Style, and Punctuation.

d. A brief composition upon a subject assigned at the time of the examination. No candidate will be accepted in English whose work is notably defective in spelling, punctuation, idiom, or division into paragraphs.

e. **Reading.**—A certain number of books are set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. In preparation for this part of the requirement, it is

important that the candidate shall have been instructed in the fundamental principles of Rhetoric.

In 1902: Shakspere's Merchant of Venice, Pope's Iliad, books i, vi, xxii, and xxiv, the Sir Roger De Coverley Papers in the Spectator, Goldsmith's Vicar of Wakefield, Coleridge's Ancient Mariner, Scott's Ivanhoe, Cooper's Last of the Mohicans, Tennyson's Princess, Lowell's Vision of Sir Launfal, and George Eliot's Silas Marner.

In 1903, 1904, and 1905: Shakspere's Merchant of Venice and Julius Cæsar, the Sir Roger De Coverley Papers in the Spectator, Goldsmith's Vicar of Wakefield, Coleridge's Ancient Mariner, Scott's Ivanhoe, Carlyle's Essay on Burns, Tennyson's Princess, Lowell's Vision of Sir Launfal, and George Eliot's Silas Marner.

f. **Study and Practice.**—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, form, and structure.

The books set for this part of the examination will be:

In 1902, 1903, 1904, and 1905: Shakspere's Macbeth, Milton's Lycidas, Comus, L'Allegro, and Penseroso, Burke's Speech on Conciliation with America, and Macaulay's Essays on Milton and Addison.

The candidate is encouraged to do reading parallel and subsidiary to the books mentioned above; he is recommended to commit to memory as much English poetry as possible, and to pay close attention to the essentials of Grammar.

2. Mathematics.

a. Arithmetic, including the Metric System;

b. Algebra, including Quadratic Equations. The requirements in this study are intended to include the treatment of Radicals, and will be most nearly met by the use of Well's University Algebra;

c. Plane Geometry as in Wentworth.

3. Latin.

a. Latin Grammar—Allen and Greenough's, Harkness', or Bennett's;

b. Latin Prose Composition;

c. Four Books of Cæsar's Commentaries.

4. History.

a. History of Rome;

b. History of Greece;

c. History of the United States.

5. Science.

a. Physics;

b. Physiology;

c. Geography—Descriptive, Political, and Physical.

6. Free-hand Drawing.

II. PARTICULAR REQUIREMENTS.

A. To enter the Classical Course, the candidate, in addition to the General Requirements, must pass examination in the following:

1. GREEK.
   - *a.* Greek Grammar—Hadley and Allen's or Goodwin's;
   - *b.* The equivalent of Jones' Greek Prose Composition—(20 lessons);
   - *c.* Greek Reader;
   - *d.* Four Books of Xenophon's Anabasis;
   - *e.* Three Books of Homer's Iliad.

2. LATIN.
   - *a.* Six Orations of Cicero;
   - *b.* Six Books of the Æneid.

B. To enter the Latin division of the Philosophical Course, the candidate, in addition to the General Requirements, must pass examination in the following:

1. LATIN.
   - *a.* Six Orations of Cicero;
   - *b.* Six Books of the Æneid.

2. Any six units selected from group E.

C. To enter the Greek division of the Philosophical Course, the candidate, in addition to the General Requirements, must pass examination in the following:

1. GREEK.
   - *a.* Greek Grammar—Hadley and Allen's or Goodwin's;
   - *b.* The equivalent of Jones' Greek Prose Composition—(20 lessons);
   - *c.* Greek Reader;
   - *d.* Four Books of Xenophon's Anabasis;
   - *e.* Three Books of Homer's Iliad.

2. Any six units selected from group E.

D. To enter the Scientific Course, the candidate, in addition to the General Requirements, must pass examination in the following:

1. GERMAN OR FRENCH.

The Grammar of the Language, Composition, and translation at sight of easy prose.

2. Any nine units selected from group E.

E. Candidates for admission to the Philosophical Course or to the Scientific Course may present in the case of the former six units, in case of the latter nine units, selected from the following:

English Literature as in Pancoast; History of Modern Europe as in Myers' General History; History of England as in Guest; Civics as in Macy; Zoölogy as in Packard's Elements; Physiography as in Davis; Botany as in Gray; Geology as in Le Conte's Elements; Astronomy as in Young's Lessons; Solid Geometry; Chemistry with Laboratory practice; French (three units); German (three units).

The time requirement for a unit is five hours a week for a term of twelve weeks.

Satisfactory equivalents for the text-books named will be accepted.

ADMISSION ON CERTIFICATE.

Graduates of Bucknell Institute, in any of the courses will be admitted to the Sophomore year of the corresponding course in the College.

Graduates from Bucknell Academy, in any of the courses, will be admitted to the corresponding courses in the College upon the Diploma of the Academy.

Graduates of Pennsylvania State Normal Schools are admitted to the Scientific Course without examination.

Students who have completed a course of study in **Preparatory and High Schools** of high grade may be admitted upon the certificate of the Principal of the school from which they come without examination upon the subjects specified in the certificate.

All students received upon certificate are regarded as in conditional standing, and will not be matriculated unless their work during the first ten weeks of the term shall show that their preparation has been sufficiently thorough.

SPECIAL STUDENTS.

Students who do not desire to take a full regular course can enter and select special shorter courses with the sanction of the Faculty; but in all cases, satisfactory examinations must be passed upon the subjects required for admission to the Freshman Class of the Course from which they intend to select.

ADVANCED STANDING.

I. **General Requirements.**—A proportionate increase of age is required for admission to advanced classes over that required for admission to Freshman standing. Other general requirements are the same as for admission to the Freshman Class.

II. **Particular Requirements.**—Candidates for admission to advanced classes are examined both as for admission to Freshman standing and also on the studies that have been pursued by the class which they desire to enter.

MATRICULATION.

Matriculation gives membership in the College and is a condition precedent to all degrees and honors as well as to honorable dismission. No student is admitted to matriculation until he has shown by his class-work during at least ten weeks and by his deportment that he is worthy of membership in the College.

HONORABLE DISMISSION.

No person will be dismissed from the College as in good standing who leaves it while under censure; and papers of dismission given to those leaving while under a condition shall either be given as of a date anterior to the term during which that condition was incurred, or shall distinctly mention the condition; nor will honorable dismission be granted to any student who has not discharged all his pecuniary obligations to the institution.

COURSES OF STUDY.

The Bucknell College offers four courses of study leading to degrees in Arts, Philosophy, and Science. Each of the Courses extends through four years. For the Bachelor's degree, thirty-six courses, each of one term five hours a week must be presented, as well as the prescribed work in oral and written Expression, the former of which extends through two years of the course and the latter through four years.

I. **The Classical Course,** leading to the degree of Bachelor of Arts, aims to furnish a liberal education in classical and modern Literature, in the Sciences and Arts. Candidates for the degree of Bachelor of Arts must present at least three courses in German and French.

II. **The Philosophical Course,** with Latin or Greek in each of its two divisions, aims to furnish a thorough training in advanced studies to those who desire to pursue but one of the Ancient Languages. Those who have completed the studies of the Course, including not less than four courses of German and French, are admitted to the degree of Bachelor of Philosophy.

III. **The General Science Course,** leading to the degree of Bachelor of Science, is substantially the same as the Philosophical Course, with the substitution of additional Modern Language and Scientific Studies for Latin and Greek. Candidates for the degree of Bachelor of Science must present at least one year of German or French for admission and at least four courses of college work in German and French as requisites for graduation.

IV. **Advanced Courses** in Literature, Philosophy, and Science have been established, leading respectively to the degrees of Master of Arts, Master of Philosophy, and Master of Science. Particulars may be learned by addressing the President.

CURRICULA.

I. THE CLASSICAL COURSE.

Leading to the Degree of Bachelor of Arts.

FRESHMAN YEAR.

I. Term—	Geometry, Algebra, Cicero de Senectute and Livy, Odyssey, Greek Prose Composition,	Lectures on Rhetoric, English Composition, Elocution.
II. Term—	Algebra, Plane Trigonometry, Livy, Lysias' Orations, Greek Testament,	Lectures on Rhetoric, English Composition, Elocution.
III. Term—	Analytical Geometry, Spherical Trigonometry, Paterculus and Pliny, Plato's Apology, Greek Testament,	Chemistry, Course 1, English Composition, Elocution.

SOPHOMORE YEAR

I. Term—	Rhetoric, Horace, *Greek History*, or *Chemistry, Course* 2, or *Surveying*,	Linear Perspective, English Composition, Elocution.
II. Term—	English Literature, Demosthenes, *Roman History*, or *Physiology*, or *Chemistry, Course* 3, or *Differential Calculus.*	Astronomy, English Composition, Elocution.
III. Term—	German, History of Art,	English Composition, Elocution.

ELECTIVE STUDIES:

English Oratory,
Oratorical Delivery,
Juvenal,
American Civics,
Anthropology,
Botany,
Chemistry, Course 4,
Integral Calculus,
Civil Engineering,
Elements of Law.

JUNIOR YEAR.

I. TERM—Psychology, History of Education,
French, Orations.

ELECTIVE STUDIES:

Æschylus and Sophocles,
Plautus and Terence,
German,
Spanish,
History, Course 9,
History, Course 10,
Sociology,
Railroad Transportation,
Real Property,
Physiological Psychology,
Zoölogy of Invertebrates,
Embryology,
Sanitary Science,
Chemistry, Course 5,
Higher Analytics,
Mechanics.

II. TERM—Ethics, History of Philosophy,
Orations.

ELECTIVE STUDIES:

Euripides,
Latin Poets,
German,
French,
Spanish,
English Bible,
History, Course 11,
History of Art,
Contracts,
Logic,
Advanced Composition,
Comparative Psychology,
Zoölogy of Vertebrates,
Animal Histology,
Human Anatomy,
Chemistry, Course 6,
Determinants,
Physics.

III. TERM—Theism, Geology,
Orations.

ELECTIVE STUDIES:

Aristophanes,
Latin Inscriptions,
German,
French,
Spanish,
English Bible,
Money and Banking,
Equity,
Biology,
Crytogamic Botany,
Bacteriology,
Neurology,
Chemistry, Course 7,
Astronomy,
Physics,
City Surveying.

SENIOR YEAR.

I. TERM—Hebrew Literature, Orations.

ELECTIVE STUDIES:

Demosthenes de Corona, *Criminal Law*,
Tacitus, Annals, *International Law*,
Anglo-Saxon, *Comparative Anatomy*,
German, *Chemistry, Course* 8,
Medieval History, *Geology*,
Practical Astronomy.

II. TERM—Greek Literature, Orations.

ELECTIVE STUDIES:

Plato, Phaedo, *Torts*,
French, *Economics*,
Philosophy of Mind, *Municipal Government*,
History of Europe, *Chemistry, Course* 9,
Roman Law, *Economic Geology*.

III. TERM—Literature, Orations.

ELECTIVE STUDIES:

Greek Testament, *Comparative Politics*,
Roman Philosophy, *Constitutional Law*,
German, *Practice*,
Shakspere, *Private Corporations*,
Metaphysics, *Public Finance*.
History of Europe, *Chemistry, Course* 10,
Materia Medica.

II. THE PHILOSOPHICAL COURSE.

Leading to the Degree of Bachelor of Philosophy.

A. Latin Division.

FRESHMAN YEAR.

I. TERM— { Geometry, / Algebra, } Lectures on Rhetoric, English Composition, Elocution.
Cicero de Senectute and Livy,
German,

II. TERM— { Algebra, / Plane Trigonometry, } Lectures on Rhetoric, English Composition, Elocution.
German,

III. Term— { Spherical Trigonometry, / Analytical Geometry, } Chemistry, Course 1,
Paterculus and Pliny, English Composition,
French, Elocution.

SOPHOMORE YEAR.

I. Term—Rhetoric, Linear Perspective,
Horace, English Composition,
German, or Elocution.
Greek History, or
Chemistry, Course 2, or
Surveying,

II. Term—English Literature, Astronomy,
Roman History, or English Composition.
German, or Elocution.
French, or
Physiology, or
Chemistry, Course 3, or
Differential Calculus,

III. Term—American Civics, English Composition,
History of Art, Elocution.

Elective Studies:

English Oratory, *Elementary Law*,
Oratorical Delivery, *Botany*,
Juvenal, *Chemistry, Course* 4,
German, *Integral Calculus*,
French, *Civil Engineering*.
Anthropology,

JUNIOR YEAR.

I. Term—Psychology, History of Education.
Orations.

Elective Studies:

Plautus and Terence, *Real Property*,
German, *Physiological Psychology*,
French, *Zoölogy of Invertebrates*,
Spanish, *Embryology*,
History, Course 9, *Sanitary Science*,
History, Course 10, *Chemistry, Course* 5,
Sociology, *Higher Analytics*,
Railroad Transportation, *Mechanics*.

II. TERM—Ethics, History of Philosophy,

Orations.

ELECTIVE STUDIES:

Latin Poets, *Advanced Composition,*
German, *Comparative Psychology,*
French, *Zoölogy of Vertebrates,*
Spanish, *Animal Histology,*
English Bible, *Human Anatomy,*
History, Course 11, *Chemistry, Course* 6,
Contracts, *Determinants,*
Logic, *Physics.*

III. TERM—Theism, Geology,

Orations.

ELECTIVE STUDIES:

Latin Inscriptions, *Cryptogamic Botany,*
German, *Biology,*
French, *Bacteriology,*
Spanish, *Neurology,*
English Bible, *Chemistry, Course* 7,
Money and Banking, *Astronomy,*
Equity, *Physics,*
City Surveying.

SENIOR YEAR.

I. TERM—Hebrew Literature, Orations.

ELECTIVE STUDIES:

Tacitus, Annals, *International Law,*
German, *Comparative Anatomy,*
Anglo-Saxon, *Chemistry, Course* 8,
Medieval History, *Geology,*
Criminal Law, *Practical Astronomy.*

II. TERM—Greek Literature, Orations.

ELECTIVE STUDIES:

German, *Torts,*
French, *Economics,*
Philosophy of Mind, *Municipal Government,*
History of Europe, *Chemistry, Course* 9,
Roman Law, *Economic Geology.*

III. TERM—Literature, Orations.

ELECTIVE STUDIES:

Roman Philosophy,
German,
Shakspere,
Metaphysics,
History of Europe,
Comparative Politics,
Constitutional Law,
Practice,
Private Corporations,
Public Finance,
Chemistry, Course, 10.
Materia Medica.

B. Greek Division.

FRESHMAN YEAR.

I. TERM—{ Geometry, Algebra, Odyssey, German, } Lectures on Rhetoric, English Composition, Elocution.

II. TERM—{ Algebra, Plane Trignometry, } { Lysias' Orations, Greek Testament, } German. Lectures on Rhetoric, English Composition, Elocution.

III. TERM—{ Spherical Trignometry, Analytical Geometry, } { Plato's Apology, Greek Testament, } French. Chemistry, Course 1, English Composition, Elocution.

SOPHOMORE YEAR.

I. TERM—Rhetoric, Greek History, *German*, or *Chemistry, Course* 2, or *Surveying*, Linear Perspective, English Composition, Elocution.

II. TERM—English Literature, Demosthenes, *German*, or *French*, or *Roman History*, or *Physiology*, or *Chemistry, Course* 3, or *Differential Calculus*, Astronomy, English Composition, Elocution.

III. TERM—American Civics, History of Art, English Composition, Elocution.

ELECTIVES:

English Oratory,
Oratorical Delivery,
German,
French,
Anthropology,
Elements of Law,
Botany,
Chemistry, Course 4,
Integral Calculus,
Civil Engineering.

JUNIOR YEAR.

I. TERM—Psychology, History of Education,
Orations.

ELECTIVE STUDIES:

Æschylus and Sophocles,
German,
French,
Spanish,
History, Course 9,
History, Course 10,
Sociology,
Railroad Transportation,
Real Property,
Physiological Psychology,
Zoölogy of Invertebrates,
Embryology,
Sanitary Science,
Chemistry, Course 5,
Higher Analytics,
Mechanics.

II. TERM—Ethics, History of Philosophy,
Orations.

ELECTIVE STUDIES:

Euripides,
German,
French,
Spanish,
English Bible,
History, Course 11,
Contracts,
Logic,
Advanced Composition,
Comparative Psychology,
Zoölogy of Vertebrates,
Animal Histology,
Human Anatomy,
Chemistry, Course 6,
Determinants,
Physics.

III. TERM—Theism, Geology.
Orations.

ELECTIVE STUDIES:

Aristophanes,
German,
French,
Spanish,
English Bible,
Money and Banking,
Equity,
Biology,
Cryptogamic Botany,
Bacteriology,
Neurology,
Chemistry, Course 7,
Astronomy,
Physics,
City Surveying.

SENIOR YEAR.

I. Term—Hebrew Literature, Orations.

Elective Studies:

Demosthenes de Corona, *International Law*,
Anglo-Saxon, *Comparative Anatomy*,
German, *Chemistry, Course* 8,
Medieval History, *Geology*,
Criminal Law, *Practical Astronomy*.

II. Term—Greek Literature, Orations.

Elective Studies:

Plato, Phaedo, *Torts*,
French, *Economics*,
Philosophy of Mind, *Municipal Government*,
History of Europe, *Chemistry, Course* 9,
Roman Law, *Economic Geology*.

III. Term—Literature, Orations.

Elective Studies:

Greek Testament, *Constitutional Law*,
German, *Practice*,
Shakspere, *Private Corporations*,
Metaphysics, *Public Finance*,
History of Europe, *Chemistry, Course* 10,
Comparative Politics, *Materia Medica*.

III. THE GENERAL SCIENCE COURSE.

Leading to the Degree of Bachelor of Science.

FRESHMAN YEAR.

I. Term— { Geometry, / Algebra, } Lectures on Rhetoric,
Cornelius Nepos, English Composition,
German, Elocution.

II. Term— { Algebra, / Plane Trigonometry, } Lectures on Rhetoric,
Sallust, English Composition,
German, Elocution.

III. TERM— { Spherical Trigonometry, / Analytical Geometry, } Chemistry, Course 1,
Ovid, English Composition,
French, Elocution.

SOPHOMORE YEAR.

I. TERM—Rhetoric, Linear Perspective,
Chemistry, Course 2, English Composition,
Horace, or Elocution.
German, or
Greek History, or
Surveying.

II. TERM—English Literature, Astronomy,
German, or English Composition,
French, or Elocution.
Roman History, or
Physiology, or
Chemistry, Course 3, or
Differential Calculus,

III. TERM—American Civics, English Composition.
History of Art,

ELECTIVE STUDIES:

English Oratory, *Elements of Law*,
Oratorical Delivery, *Botany*,
Juvenal, *Chemistry, Course* 4,
German, *Integral Calculus*,
French, *Civil Engineering*.
Anthropology,

JUNIOR YEAR.

I. TERM—Psychology, History of Education,
Orations.

ELECTIVE STUDIES:

German, *Physiological Psychology*,
French, *Zoölogy of Invertebrates*,
Spanish, *Embryology*,
History, Course 9, *Sanitary Science*,
History, Course 10, *Chemistry, Course* 5,
Sociology, *Higher Analytics*,
Railroad Transportation, *Mechanics*.
Real Property,

II. TERM—Ethics, History of Philosophy,
Orations.

ELECTIVE STUDIES:

German,
Spanish,
French,
English Bible,
History, Course 11,
Contracts,
Logic,
Advanced Composition,
Comparative Psychology,
Zoölogy of Vertebrates,
Animal Histology,
Human Anatomy,
Chemistry, Course 6,
Determinants,

Physics.

III. TERM—Theism, Geology,

Orations.

ELECTIVE STUDIES:

German,
French,
Spanish,
English Bible,
Money and Banking,
Equity,
Cryptogamic Botany,
Biology,
Bacteriology,
Neurology,
Chemistry, Course 7,
Astronomy,
Physics,
City Surveying.

SENIOR YEAR.

I. TERM—Hebrew Literature, Orations.

ELECTIVE STUDIES:

Anglo-Saxon,
German,
Medieval History,
Criminal Law,
International Law,
Comparative Anatomy,
Chemistry, Course 8,
Geology,

Practical Astronomy.

II. TERM—Greek Literature. Orations.

ELECTIVE STUDIES:

French,
Philosophy of Mind,
History of Europe,
Roman Law,
Torts,
Economics,
Municipal Government,
Chemistry, Course 9,

Economic Geology.

III. TERM—Literature. Orations.

ELECTIVE STUDIES:

German,
Shakspere,
Metaphysics,
History of Europe,
Comparative Politics,
Constitutional Law,
Practice,
Private Corporations,
Public Finance,
Chemistry, Course 10,

Materia Medica.

LECTURE COURSES.

The following Courses of Lectures have been established. They are given immediately after the Chapel Exercises on each Monday morning.

THE SENIOR CLASS.

I. TERM—Professor Hulley on Hebrew Literature.
II. TERM—Professor Hamblin on Greek Literature.
III. TERM—Professor Perrine on Literature.

THE JUNIOR CLASS.

I. TERM—The President on the History of Education.
II. TERM—The President on the History of Philosophy.
III. TERM—Professor Groff on Geology.

THE SOPHOMORE CLASS.

I. TERM—Professor Bartol on Linear Perspective.
II. TERM—Professor Bartol on Astronomy.
III. TERM—Professor Martin on the History of Art.

THE FRESHMAN CLASS.

I. TERM—Professor Perrine on Rhetoric.
II. TERM—Professor Perrine on Rhetoric.
III. TERM—Professor Owens on Chemistry.

SPECIAL LECTURES.

1. A Course of Lectures is given yearly on Sociology, by Lemuel Moss, D. D., LL. D.

2. A Course of Lectures is given yearly on Social Ethics, by George Dana Boardman, D. D., LL. D.

3. A Course of Lectures on Practical Ethics is given yearly, by Benaiah L. Whitman, LL. D.

DEPARTMENTS OF INSTRUCTION.

The method of instruction in the College is varied according to the nature of the subject. Each Professor has his individual mode of imparting knowledge, and this, in the result, is advantageous to the learner. In general, the aim is to discuss each subject as far as possible as the subject-matter requires, yet all branches are presented practically, comparatively, and historically, with the view of leading the student to the apprehension of the subject as a whole and in its organic relations. The range and character of the instruction can be gathered from the following account of the different departments.

I. DEPARTMENT OF PHILOSOPHY.

THE PRESIDENT.

The studies in this department embrace Psychology, Philosophy, Ethics, Theism and Education.

1. **Psychology, Descriptive and Explanatory.** Required course, Juniors. First term, five hours.

2. **Physiological and Experimental Psychology.** Elective to Seniors and Juniors. First term, five hours.—PROFESSOR DAVIS.

3. **Comparative and Child Psychology.** Elective to Seniors and Juniors. First term, five hours.—PROFESSOR DAVIS.

4. **Lotze, Grundzüge der Psychologie.** Honor for Seniors and Juniors.

5. **Philosophy of Mind.** Elective to Seniors and Juniors. Second term, five hours.

6. **History of Philosophy.** Lectures. Required of Juniors. Second term, two hours.

7. **Greek Philosophy** (Greek 10). Elective to Seniors and Juniors. —PROFESSOR HAMBLIN.

8. **Roman Philosophy** (Latin 12). Elective to Seniors and Juniors.— PROFESSOR ROCKWOOD.

9. **Modern Philosophy,** Weber. Honor Course, Seniors and Juniors. Third term.

10. **Ethics.** Required of Juniors. Second term, four hours.

11. **Philosophy of Religion.** Required of Juniors. Third term, five hours.

12. **History of Education,** Lectures. Required of Juniors. First term, one hour.

13. **Psychology of Education.** Honor, Seniors and Juniors. Second term, one hour.

14. **Philosophy of Education,** Rosenkranz. Honor, Seniors and Juniors. Third term, one hour.

II. DEPARTMENT OF LAW.

HAROLD MURRAY McCLURE, A. M.,

PRESIDENT JUDGE SEVENTEENTH JUDICIAL DISTRICT.
LECTURER ON CONTRACTS AND PRACTICE.

FREDERIC EVANS BOWER, A. M.,

ATTORNEY-AT-LAW.
LECTURER ON CRIMES AND TORTS.

ALBERT WILLIAM JOHNSON, A. M.,

ATTORNEY-AT-LAW.
LECTURER ON REAL PROPERTY AND EQUITY.

The Bucknell College of Liberal Arts offers in its courses for the degrees in Arts and Science a number of subjects specially bearing upon the study of law. Students prepared for college and having taken one year's work in liberal studies, will be admitted to the studies in Law. The subjects offered are those usually given in the first year of the best law schools. The instruction is by text-book, lecture, and study of cases. The texts of "Leading Cases" have been placed in the library for the use of students. A certificate for the work done is given by the department, in addition to the Diploma of the College. But this certificate is not given for any legal subject in which the student's standing is below 9; nor to any student whose general average is below 9. The law studies are counted towards the degree in Liberal Arts, to the amount of one year's work.

1. **Elementary Law.** Robinson's Elementary Law. Third term, Sophomore year.—PROFESSOR HULLEY.

2. **Blackstone's Commentaries.** Honor Course, Junior year.—PROFESSOR HULLEY.

3. **Real Property.** Text-book, Select Cases, Lectures. First term, Junior year.—Mr. JOHNSON.

4. **Contracts.** Text-book, Select Cases, Lectures. Second term, Junior year.—JUDGE MCCLURE.

5. **Equity.** Text-book, Select Cases, Lectures. Third term, Junior year. —Mr. JOHNSON.

6. **Crimes.** Text-book, Select Cases, Lectures. First term, Senior year. —Mr. BOWER.

7. **Torts.** Text-book, Select Cases, Lectures. Second term, Senior year. —Mr. BOWER.

8. **Practice.** Text-book, Lectures. Third term, Senior year.—JUDGE MCCLURE.

9. **Principles of International Law.** Fall term; open to Seniors and Juniors.—PROFESSOR HEIM.

10. **Roman Law,** elective. Second term, Seniors and Juniors. The subject is treated historically. Morey's Roman Law forms the basis of the work. The text-book is supplemented by lectures and collateral reading.—PROFESSOR ROCKWOOD.

11. **American Constitutional Law,** Seniors and Juniors, Third term. The work consists in a study of the Constitution itself, and in a study of the law that has grown out of it.—PROFESSOR HAMBLIN.

12. **Comparative Constitutional Law,** Juniors and Seniors, Third term. A comparison of the Constitutions of England, France, Germany, and the United States.—PROFESSOR HAMBLIN.

III. DEPARTMENT OF ECONOMIC AND POLITICAL SCIENCE.

EPHRAIM M. HEIM, PH. D., PROFESSOR.

1. **Economics, I.**—General course, devoted chiefly to problems of Production and Distribution. Second term; five hours, Seniors and Juniors.

2. **Economics, II.**—Money and Banking. Third term; five hours; alternating with course 3, Seniors and Juniors.

3. **Public Finance.**—Financial Administration. Theories and Methods of Taxation, Public Debts. Third term; five hours, Seniors and Juniors.

4. **Economic Institutions.**—First term; one hour.

5. **Socialistic Theories.**—Honor course. Second term; two hours.

6. **Economics of Distribution.**—Honor course. Third term; two hours.

7. **Railroad Transportation.**—Relation of Railways to Investors, to the Public, and to the Law. Theory of Rates. Methods of State Control. First term; five hours, Seniors and Juniors.

8. **Private Corporations.**—Corporate problems, economic and legal. Trusts and Industrial Combinations. First term; five hours; alternating with course 7, Seniors and Juniors.

9. **Economic History.**—Honor course. First term.

10. **Administrative Law.**—Honor course. Second term.

11. **Municipal Government.**—Organization of City Government. Problems of Administration, Municipal Functions. Relation to the State. Second term; five hours, Seniors and Juniors.

12. **International Law.**—First term; five hours, Seniors and Juniors.

13. **American Civics and Parliamentary Law.**—A study of the American Frame of Federal and State Government; and of Parliamentary rules and usages.—PROFESSOR HULLEY.

14. **Comparative Constitutional Law** is offered as an elective to Juniors and Seniors in the third term, alternating with American Constitutional Law. A comparison of the Constitutions of England, France, Germany, and the United States. Works of reference: Burgess, Boutmy, Dicey. Special topics assigned for individual study and report to the class.—PROFESSOR HAMBLIN.

15. **American Constitutional Law** is offered as an elective to Seniors and Juniors in alternate years, third term. The work consists in a study of the Constitution itself, and in a study of the law that has grown out of it. Cooley's Elements of Constitutional Law.—PROFESSOR HAMBLIN.

16. **Constitutional Limitations.**—Honor course.—PROFESSOR HAMBLIN.

17. **Roman Law** may be taken as an elective in the Second term; open to Seniors and Juniors. The subject is treated historically. Morey's Roman Law forms the basis of the work. The text-book is supplemented by lectures and collateral reading.—PROFESSOR ROCKWOOD.

IV. DEPARTMENT OF LOGIC AND SOCIOLOGY.

WILLIAM EMMET MARTIN, A. M., PROFESSOR.

1. **Logic, Deductive and Inductive.** Elective to Juniors. Second term, five hours.

2. **Logical Theories.** Honor Course, Seniors and Juniors. Third term, one hour. Prerequisite Course 1.

3. **Scientific Method.** Honor Course, Seniors and Juniors, alternating with Course 2. Third term, one hour.

4. **Anthropology, Descriptive and Physical.** Elective to Sophomores. Third term, five hours.

5. **Ethnology.** Honor Course, Seniors and Juniors. First term, one hour. Prerequisite Course 4.

6. **History of Culture.** Honor Course, Seniors and Juniors, alternating with Course 5. First term, one hour.

7. **Sociology, Principles and Theory.** Elective to Seniors and Juniors, First term, five hours.

8. **Charities and Reform.** Honor Course, Seniors and Juniors. Second term, one hour. Prerequisite Course 7.

9. **Criminology and Penology.** Honor Course, Seniors and Juniors, alternating with Course 8. Second term, one hour.

10. **Sociology.** A course of lectures on Sociology from the Christian point of view is given each year by Lemuel Moss, LL. D., to the whole College. A special honor course is offered in connection with the lectures

11. **Æsthetics, Principles and Problems.** Honor Course, Seniors. First term, one hour.

12. **History of Art, Architecture, Painting, and Sculpture.** Honor Course, Seniors and Juniors. Second term, one hour.

V. DEPARTMENT OF HISTORY.

LINCOLN HULLEY, PH. D., PROFESSOR.

The History Courses have been planned to provide the general student with the essential data of human progress, and the special student with the fullest equipment required for advanced work in Graduate Schools.

1. **Hebrew History and Literature.**—(1) The historical background of national slavery, deliverance, conquest, home-making, consolidation, disruption, decline, captivity, restoration, subjection, and dispersion is sketched; (2) the personalities of the Hebrew statesmen, reformers, ethical teachers, and preachers are studied; and (3) the literature is studied with a view to its form, ideas, and development. Every effort is made to give the subject a life-like realism. Senior and Junior elective. Second term, five hours.

2. **New Testament History and Literature.**—The Church's inception, formal organization, initial activity, internal life, missionary enterprise, the establishment of churches, the growth of a literature, and its contents. Senior and Junior elective. Third term, five hours.

3. **Lectures.**—The Bible as a classic; the Bible in its formation; its divine origin and commission, the civilizations imbedded in it; methods of Bible study; and kindred topics. Senior year, first term.

4. **Greek Political and Constitutional History.**—The City-State. Oligarchies. Democracy. Federal Government. References: Oman, Greenidge, Gilbert, Fowler, Grote, Holm.—PROFESSOR HAMBLIN.

5. **Roman History.**—The work is based on Merivale's General History of Rome. Mommsen, Bury, and Gibbon are used for supplementary reading. Second term, Sophomore year.—PROFESSOR ROCKWOOD.

6. **Medieval Europe.**—The Germanic invasions, Roman Christianity, the rise of Mohammedanism, German ideas of law, the Age of Charlemagne, the foundations of Medieval Europe, the Feudal System, the rise of the Papacy, the struggle between the Empire and the Papacy, and the intellectual and social life of the Middle Age. Senior elective. First term, five hours.

7. **Modern Europe.**—1500 A. D.—1878 A. D.:—The Protestant Reformation, the Thirty Years' War, the Counter Reformation, the Age of Louis XIV, the Rise of Russia and Prussia; the French Revolution, the later revolutions in France, the English Age of Reform, the consolidation of Germany, and the unification of Italy. Senior elective. Second term, five hours.

8. **History of England.**—Invasions and early settlements, the Norman Conquest, and the political, religious, social, industrial, and literary developments down to the present time. Senior and Junior elective. First term, five hours.

9. **American Colonial History.**—Discovery, settlement, expansion, independence, typical Spanish, French, and English communities are studied; the most important colonial charters and forms of government are analyzed; the triumph of the English over the other settlements in North America, and their independence of England are explained; and, throughout, special attention is given to the colonies in Pennsylvania. Senior and Junior elective. First term, five hours.

10. **Constitutional History of the United States.**—This course includes the territorial, industrial, social, and other phases of national development, but special prominence is given to those issues which have involved the operation and interpretation of the Constitution, and to the men engaged in its interpretation. Senior and Junior elective. Second term, five hours.

11. **American Civics.**—The aim of this course is: (1) To study the American frame of government, federal and state; (2) to familiarize the class with the text of the Constitution, and with Parliamentary Law; and (3) to study the formative influences and institutions that enter into the American state. Sophomores, required, Third term, five hours.

12. **Elements of Law.**—Robinson's "Elementary Law." Thorough drill is given on definitions and the principles of the Common Law. Sophomores, elective, Third term, five hours.

HONOR COURSES.

13. **Blackstone.** First term.

14. **Blackstone.** Second term.

15. **Blackstone.** Third term.

16. **Pennsylvania History and Civics.**

17. **The Theory of the State.**

18. **Special Periods of American and European History.**

VI. THE GREEK LANGUAGE AND LITERATURE.

THOMAS FRANKLIN HAMBLIN, A. M., PROFESSOR.

There are four terms of required work in Greek in the Classical Course, and five in the Greek Philosophical Course; while Greek may be taken as an elective during the entire Junior and Senior years. Besides the elective Courses a number of Honor Courses are offered. In the Elective Course a year of poetry alternates with a year of prose. A course of lectures on the Greek poets is given to the Seniors, with collateral reading. Students of the Greek Philosophical Course are required to take one of the electives offered to Juniors and Seniors.

Courses: 1-5 required, 6–12 elective.

1. **Homer.**—Odyssey, Books 5–8. Review of verb forms and syntax of verbs. Epic forms and styles. Word lists. Metre. First term, Freshman year.

2. **Lysias.**—Six orations. Inflection and syntax of nouns. Prose composition. Attic oratory. Translation at sight and hearing. Second term, Freshman year.

3. **Plato.**—Apology and selections. Special topics in Greek Syntax. Philosophy and influence of Socrates. The Sophists. Extracts from the Memorabilia at sight. Third term, Freshman year.

4. **Greek Political and Constitutional History.**—Bury's History of Greece is used as a text book. The class is also required to do collateral reading on important epochs.

5. **Demosthenes.**—Olynthiacs and Philippics. History and Politics of the Macedonian period. Style of Demosthenes. Second term, Sophomore year.

6. **Æschylus and Sophocles.**—Prometheus Bound and Œdipus Tyrannus. The drama, theatre, and metres. First term, Seniors and Juniors, alternating with 9.

7. **Euripides.**—Medea. Religious influence of the poets. Social life of the period. Second term, Seniors and Juniors; alternating with 10.

8. **Aristophanes.**—The Clouds. Greek Comedy. The Age of Pericles. Influence of the Classical on the Modern Drama. Third term, Seniors and Juniors; alternating with 12.

9. **Demosthenes.**—*De Corona.* The oratory of Demosthenes, from a literary and political point of view. Æschines against Ctesiphon at sight. First term, Seniors and Juniors, alternating with 6.

10. **Plato.**—The Phaedo. Greek Philosophy. The Influence of Plato. Second term, Seniors and Juniors; alternating with 7.

11. **New Testament Greek** (A).—The Gospel according to Luke. Hellenistic Greek. Second and third terms, Freshman year; one hour a week.

12. **New Testament Greek** (B).—The Acts of the Apostles. Burton's Moods and Tenses. Synonyms. Designed as a review for students intending to take a Theological course. Third term, Seniors and Juniors; alternating with 8.

HONOR COURSES IN GREEK.

13. **Xenophon.**—The Symposium and Œconomicus. Sophomores and Freshmen. Winter terms in alternate years.

14. **Homer and Lucian.**—Selections from each in alternate years. Sophomores and Freshmen, third term.

15. **Xenophon and Æschines.**—The Memorabilia and the oration against Ctesiphon, in alternate years. Seniors and Juniors, first term.

16. **Sophocles and the Lyric Poets.**—Antigone and selections from the Lyric Poets in alternate years. Seniors and Juniors, second term.

VII. THE LATIN LANGUAGE AND LITERATURE.

FRANK ERNEST ROCKWOOD, LL. D., PROFESSOR.

ALBERT BURNS STEWART, A. M., INSTRUCTOR.

There are four terms of required work in Latin and eight of elective in the Classical and Latin Philosophical Courses. Honor courses, subject to change from time to time, are also offered.

Candidates for the degree of Bachelor of Science take Latin during the

Freshman year. This work is under the charge of Instructor Stewart. The books used are *Lindsay's Nepos, Herbermann's Sallust*, and *Kelsey's Ovid.*

The following courses are designed for students in the Classical and Philosophical Courses, but are also open as electives to students in the Science Course who may be qualified to take them:

COURSES: 1–4 required: 5–12 elective.

1. **Cicero:** *De Senectute.* Livy: Book I. Review of special topics in Latin Grammar. Oral and written exercises in Prose Composition, based upon the text. Translation at sight and at hearing. First term, Freshman year.

2. **Livy:** Books XXI and XXII. Latin Prose Composition based upon the text. Roman history: Special chapters in Liddell. Second term, Freshman year.

3. **Velleius Paterculus:** Roman History. PLINY: Selections from the Epistles. Translations at sight. Latin Prose Composition, based upon the text. Roman History: Capes' Early Empire. Third term, Freshman year.

4. **Horace:** Selections from the Odes, Satires, and Epistles. Prosody; Historical Outlines of the Latin Language and Literature; Wilkins' Primer; Lectures. First term, Sophomore year.

5. **Roman History:** The work is based on Merivale's General History of Rome. Mommsen, Bury, and Gibbon are used for supplementary reading. Second term, Sophomore year.

6. **Juvenal:** Selected Satires. Translation at sight. Roman Antiquities; Lectures. Third term, Sophomore year.

7. **Plautus and Terence:** Selected Plays. First term; open to Seniors and Juniors; alternating with 9.

8. **Roman Law:** Instruction is given by text-book (Morey's) and by lectures. Students are required to read on assigned topics and to make reports upon the same to the class. Second term; open to Seniors and Juniors; alternating with 11.

9. **Latin Inscriptions:** Egbert's Manual; Allen's Remnants of Early Latin. Third term; open to Seniors and Juniors; alternating with 12.

10. **Tacitus:** Annals. A large amount is read at sight. Special topics in Roman History are assigned for study. First term; open to Seniors and Juniors; alternating with 7.

11. **Latin Poets:** Crowell's Selections; Readings in Roman Literature. Second term; open to Seniors and Juniors; alternating with 8.

12. **Roman Philosophy:** This course is based upon the philosophical works of Cicero and Seneca. Third term; open to Juniors and Seniors; alternating with 9.

HONOR COURSES IN LATIN.

13. **Cicero:** Letters; *De Officiis; Brutus.*

14. **Quintilian:** Books I, X, and XII.

15. **Tertullian:** *The Apology.*

16. **Comparative Philology:** An introductory course; text-book and lectures.

VIII. THE ENGLISH LANGUAGE AND LITERATURE.

ENOCH PERRINE, LITT. D., PROFESSOR.

MISS JENNIE DAVIS, PH. B., ASSISTANT.

MISS ELIZABETH LILLIAN FOUST, PH. M., READER.

COURSES.

1. **Rhetoric.**—Newcomer's Elements of Rhetoric. Analysis of themes, criticisms of plans, and exercises in all the forms of Composition discussed, are required. Opportunity is afforded for an extended study of the best forms of modern English Prose. First term, Sophomore year, five hours.

2. **English Literature.**—Pancoast's Introduction to English Literature, or Painter's Introduction to English Literature, is used as a basis for the history of our Literature. Pancoast's Standard English Poems, beginning with the Elizabethan Period, are studied in class. Courses in collateral reading will be assigned on application, the aim being to bring the student in contact with those representative authors who illustrate the great movements of their times. Second term, Sophomore year, five hours.

3. **English Oratory.**—A careful study of the English Orators is made, as far as time permits, with reference to the peculiarities of each period, and especially to those of the present day. Ringwalt's Modern American Oratory will be pursued in connection with Sears' The Occasional Address. As this is one of the electives of the third term, there is opportunity for an extended course, and readings in the older oratory will be assigned, based upon Sears' History of Oratory. Informal lectures are given on the Essentials of Eloquence, and at the close of the term an oration of not less than two thousand words is required of each student. The library has recently been enriched in this department. Third term, Sophomore year, five hours.

4. **Advanced Composition** for those who have taken courses 1 and 2, Text-books, Carpenter's Advanced Composition, Lamont's Specimens of Exposition, Brewster's Specimens of Narration, and Baldwin's Specimens of Prose Description, together with lectures on the forms of discourse. Second term, five hours.

5. **Anglo-Saxon.**—Bright's Anglo-Saxon Reader, and Smith's Old English Grammar. In addition to the literature of the period, special attention will be paid to the connection between Old English and Modern English, reference being had to Emerson's History of the English Language and Lounsbury's English Language. The subject may be continued through another term, when the whole of Beowulf may be read. For collateral reading, Freeman's Old English History and Gardiner's Students' History of England are recommended. First term, Senior year. Open to those who have taken courses 1 and 2.

6. **Shakspere.**—A study of the dramatic form in Midsummer Night's Dream, Hamlet, and the Tempest, to show the development of the poet's mind and art. Constant reference is made to Dowden's Primer of Shakspere, Dowden's Shakspere: his Mind and Art, and the Variorum editions of Furness. Various Shaksperean clubs among the students afford opportunity for further practical work. Third term, Senior year, for those who have taken courses 1 and 2.

7. **The Essay.**—Lectures are given on Monday mornings during the whole of the first and second terms to the Freshmen on "The Essay," as an especial preparation for the practical work of the course, and supplementary to the work assumed to have been done in the preparatory schools. Essays based upon the lectures are required each week.

8. **English Composition.**—In addition to the work required in Course 7, the Freshmen write two essays in the first term, and three essays in the second and third terms, of not less than eight hundred words, based upon the English readings required for entrance; the Sophomores write three essays each term; the Juniors, two orations or forensics, and the Seniors, one oration or forensic, each term. The orations presented at the exercise of the Junior Exhibition and Commencement will be received as two of the required orations. Both Essays and Orations are criticised with the author, if necessary; and in all cases an analysis must be presented.

9. **American Literature.**—During the third term lectures are given to the Seniors on Bryant, Hawthorne, Longfellow, Lowell, Whittier, and Holmes, as a preparation for those who desire more extended courses in the subject. In this course an attempt is made to give a rapid sketch of the history of American Literature, the authors above mentioned being considered as convenient points of departure. Painter's or Pancoast's Introduction to American Literature is recommended. Other courses will be given when desired by students.

HONOR COURSES.

10. **Chaucer,** his language and thought. A study of Middle English forms and pronunciation, for those who have taken courses 1 and 2, two hours a week with required thesis on an approved topic. The Globe edition of Chaucer's works is used.

11. **Milton's Paradise Lost.**—A study of the epic. R. C. Browne's Milton, or Himes' Paradise Lost, and S. A. Brooke's Life of Milton, with required theses, for those who have taken courses 1 and 2. Two hours a week.

12. **Literary Criticism.**—Winchester's "Principles of Literary Criticism." Two hours. For those who have taken courses 1 and 2.

13. **The Development of English Prose.**—A study of its various forms from Bacon to Holmes, based on Clark's A Study of English Prose Writers. Two hours a week.

14. **Skeat's Specimens** of English Literature, 1394–1579, for those who have taken courses 1 and 2. Two hours a week.

15. **Skeat's Piers the Plowman,** for those who have taken courses 1, 2 and 5. Two hours a week.

16. **The Ormulum** and **The Ancren Riwle,** Sweet's edition, for those who have taken courses 1, 2 and 5. Two hours a week.

17. **Argumentation.**—Text book, Baker's Principles of Argumentation. Two hours a week.

18. **Special Research.**—Any student sufficiently advanced may pursue a special line of investigation in some restricted field of English or American literature, under direction of the department.

IX. ELOCUTION AND ORATORY.

THOMAS JOHNSON MORRIS, A. B., INSTRUCTOR.

The aim is to train the student to speak effectively in the pulpit or upon the platform or at the bar. All instruction is based on the principle that impression precedes and determines expression. Each student receives individual attention during the first half of the course in Elocution, during the latter half, in Oratory. Special attention is given to Debate. Every student is urged to take an active part in the work of the Literary Societies, and credit is given for work done in them.

FRESHMEN.

Vocal Training.—Exercises in breathing and selections for the development of the voice. First term.

Vocal Training.—The work in the development of the voice is continued with exercises in Phonology. Second term.

Description and **Gesture.**—Selections in Description are delivered. Third term.

A prize is awarded to the young man and one to the young woman of the Freshman Class who excels in the delivery of an assigned selection in description.

SOPHOMORES.

Narration.—Selections in Narration will be studied and delivered. First term.

Argumentation.—The principles and delivery of argumentative discourse will be studied. Second term.

Debate —Each student will be required to debate at least twice. Third term.

A prize is awarded to the young man of the Sophomore Class who shall excel in the delivery of an assigned selection in argumentation.

A prize is awarded to the young woman of the Sophomore Class who shall excel in the delivery of an assigned selection in narration.

Oratorical Delivery.—This course includes respiration, cultivation of the voice, pronunciation, and the principles of vocal and gestural expression. Theory is secondary to practice. The student receives daily drill in the different modes of expression.

Text-book: Principles of Vocal Expression, Chamberlain and Clark. Reference is made to Curry's Imagination and Dramatic Instinct, Curry's Province of Expression, Fénélon's Pulpit Eloquence, Brookings and Ringwalt's Briefs for Debate.

Elective. Third term, five hours. Open also to Seniors and Juniors.

JUNIORS.

Prize Contest.—A prize contest in Oratory is held in the third term by Juniors, appointed on the ground of superiority in Composition and Elocution as shown during the preceding terms of the College course.

Honors in Debate.—During the year there are three debates by Juniors, the last of which is a prize and honor debate. The highest honors in the Junior debate were assigned for the year 1901 to John William McCracken and Philip Reilly.

SENIORS.

Prize in Oratory.—A prize is offered for the best oration of those delivered by the Senior orators at Commencement, regard being had equally to subject-matter, style, and delivery.

Honors in Debate.—During the year there are three debates by Seniors, the last of which is an honor debate.

The highest honors in Senior debate were awarded for the year 1901 to Frank Ernest Burpee and George Wells Alexander.

Extemporaneous Speaking.—A course is offered in Parliamentary Law and Extemporaneous Speaking, the aim of which is to familiarize the student with parliamentary usage in theory and practice, and to develop by daily exercises ability in extemporaneous speaking.

Elective to Seniors and Juniors, third term.

X. DEPARTMENT OF MODERN LANGUAGES.

GUIDO CARL LEO RIEMER, A. M., PROFESSOR.

ELYSÉE AVIRAGNET, A. M., INSTRUCTOR IN THE ROMANCE LANGUAGES.

EPHRAIM M. HEIM, PH. D., INSTRUCTOR IN GERMAN.

A. GERMAN.

1ª. **Elementary Course.**—Grammar.—Translation from German into English.—Composition.—Required course, Freshmen of the Philosophical and Scientific Courses. First and second terms, five hours.

1ᵇ. **Elementary Course.**—Grammar.—Translation from German into English.—Composition.—Required course, Sophomores of the Classical Course. Third term, five hours.

2. **Translation.**—Grammar.—Composition.—Elective Course, for those who have taken Course 1ª, or Course 1ᵇ. First term, five hours.

3. **German Prose and Poetry.**—Composition.—Elective Course, for those who have taken Course 2. Second term, five hours.

4. **Schiller.**—Maria Stuart; Jungfrau von Orleans; Wallenstein.—Composition.—Elective Course, for those who have taken Course 3. Third term, five hours.

5. **Lessing.**—Minna von Barnhelm; Emilia Galotti; Nathan der Weise.—Composition.—Elective Course for those who have taken Course 4.

6. **Göthe.**—Götz von Berlichingen; Egmont; Iphigenie.—Composition.—Elective Course, for those who have taken Course 5.

7. **Göthe.—Faust.**—Gedichte.—Composition.—Elective Course, for those who have taken Course 6.

B. FRENCH.

1ª. **Elementary Course.**—Grammar.—Translation from French into English.—Composition.—Required Course, Freshmen of the Philosophical and Scientific Courses. Third term, five hours.

1ᵇ. **Elementary Course.**—Grammar.—Translation from French into English.—Composition.—Required Course, Juniors of the Classical Course. First term, five hours.

2. **Translation.**—Grammar.—Composition.—Elective Course, for those who have taken Course 1ª, or 1ᵇ. Second term, five hours.

3. **French Prose and Poetry.**—Composition.—Elective Course, for those who have taken Course 2. Third term, five hours.

4. **Continuation of Course 3.**—Elective Course, for those who have taken Course 3.

5. **Corneille, Racine, Molière.**—Composition.—Elective Course, for those who have taken Course 3. First term, five hours.

6. **Continuation of Course 5.**—Elective Course, for those who have taken Course 5.

7. **Conversational French.**—An honor course in Conversational French is given by Dr. Aviragnet to students who have made sufficient progress in French.

8. **French Prose Composition.**—In addition to the exercises in French Prose Composition required in all the courses, Dr. Aviragnet gives annually a special course.

C. SPANISH.

DR. AVIRAGNET.

1. **Elementary Spanish.**—Grammar.—Conversation.— Translation of easy prose. Elective course, for Seniors and Juniors. First term, five hours.

2 and 3. **Spanish Prose.**—Translation.—Composition.—Conversation.—Elective course, for Seniors and Juniors. Second and third terms, five hours.

XI. DEPARTMENT OF MATHEMATICS.

WILLIAM CYRUS BARTOL, PH. D., PROFESSOR.

ALBERT BURNS STEWART, A. M., INSTRUCTOR.

Courses 1 or 2, also 3, 5, 6, 12, and 19 are required of every candidate for a degree.

1. **Solid Geometry.**—The course includes the geometry of solids with plane surfaces, the cone, the cylinder, the sphere, and the spherical triangle. Freshman year, first term, five hours for eight weeks.

2. **Inventional Geometry.**—This course is open to those whose preparation for college has included solid Geometry. Freshman year, first term.

3. **College Algebra.**—The topics are ratio, proportion, variation, progressions, theory, and development of functions, logarithms, differentiation of algebraic functions, indeterminate equations. Freshman year, first and second terms, five hours for ten weeks.

4. **Advanced Algebra.**—The topics are permutations and combinations, series, theory of equations, and solution of numerical higher equations. Freshman year, second term.—INSTRUCTOR STEWART.

5. **Trigonometry.**—The course includes plane trigonometry with applications to problems in mensuration and surveying, and spherical trigonometry with some applications to problems in astronomy. Freshman year, second and third terms, five hours for ten weeks.

6. **Analytical Geometry.**—The student is taken through the elementary properties of the right line, the circle, and the conic sections. The course is intended to give a clear conception of the methods of Cartesian analysis rather than an extensive knowledge of its results. Freshman year, third term, five hours for nine weeks.

7. **Differential Calculus.**—The course includes higher derivatives and functions of several variables, infinite series, maxima and minima. Sophomore year, second term, five hours.

8. **Integral Calculus.**—The course includes the simpler methods of integration, rectification and quadrature of plane curves, surfaces and solids of revolution, and applications to problems in Physics and Mechanics. Sophomore year, third term, five hours.

9. **Advanced Analytical Geometry.**—The course covers the geometry of three dimensions, surfaces of revolution and higher plane curves. Junior year, first term, five hours.

10. **Determinants.**—The theory of determinants is developed in the simplest manner possible, but for some of the final chapters some knowledge of analytical geometry is necessary. The theory of equations will be included in the course. Junior year, second term, five hours.

11. **Quaternions.**—The elementary principles and notation of the quaternion calculus, with applications to trigonometry, conic sections, and some higher plane curves, constitute the course. Junior year, second term, five hours.

12. **Descriptive Astronomy.**—The aim of the course is to present in concise form a synopsis of astronomical knowledge to date. Lectures. Sophomore year, second term, one hour.

13. **General Astronomy.**—The subject is taught by text-book, with illustrations in the observatory. The students have free use of the ten-inch equatorial telescope. Junior year, third term, five hours.

14. **Practical Astronomy.**—Observations are made for time and to determine the errors of the transit instrument. The use of the micrometer is taught, and the value of its screw revolution determined experimentally. Observations are made for azimuth, and for longitude and latitude. Senior year, first term, five hours.

15. **Plane Surveying.**—A careful study of the necessary instruments is made; methods of making adjustments and reducing errors is taught. Directions are given for retracing old lines, running contours, sketching topography, and the survey of public lands. Sophomore year, first term, five hours.—Instructor Stewart.

16. **City Surveying.**—Town sites are located and plotted; permanent reference points and bench marks established; sewers located and calculated;

curb and property lines determined, and gutter stakes set. Junior year, third term, five hours.—INSTRUCTOR STEWART.

17. **Civil Engineering.**—Instruction is given in the theory of simple and compound curves, wyes, switches, and turn-outs. A corps is organized, which makes a preliminary survey of a cross-country railroad. Topography of this is taken and plotted; elevation of centre line taken; grade determined; degree of curves fixed, and paper location made. Centre line of permanent survey is now located; slopes stakes set; earthwork calculated; specifications drawn up, and estimates made of the line surveyed. Sophomore year, third term, five hours.—INSTRUCTOR STEWART.

18. **Descriptive Geometry.**—The course includes principles and problems relating to the cylinder, cone, double curved surfaces of revolution, and solids bounded by plane surfaces.

19. **Linear Perspective.**—A course of twelve lectures designed to familiarize the student with the principles of perspective, and to give him an insight into their manifold applications. Sophomore year, first term, one hour.

20. **Mechanical Drawing.**—The course includes isometric projection, orthographic projection, perspective, and the use of instruments. Sophomore year, second term.

21. **Plotting of Surveys** and **Topographical Drawing.**—Given in connection with the courses of Surveying and Engineering.

XII. DEPARTMENT OF CHEMISTRY AND PHYSICS.

WILLIAM GUNDY OWENS, A. M., PROFESSOR.

1. **Lectures** on some of the most common chemical elements are given to the Freshmen during the third term; experiments illustrate the methods of work and use of apparatus.

2. **Descriptive Chemistry.**—Introductory study of the occurrence, history, preparation, properties, most useful compounds of the common elements, both non-metallic and metallic, with a brief study of the common organic compounds, the writing of equations and solving stoichiometrical problems, constitutes the class-room work. The student is required to spend five hours a week working in the Laboratory. First term, Sophomore year.

3. **Analytical Chemistry.**—Text-book, recitations, and laboratory work. The course is completed when fifty unknowns have been correctly reported. Second term, Sophomore year.

4. **Quantitative Analysis.**—Typical determinations are made to illustrate the methods used in both gravimetric and volumetric analysis. Third term, Sophomore year.

5. **Organic Chemistry.**—The simplest of the paraffin series are studied. Laboratory work. First term.

6. **Organic Chemistry.**—The Benzol series and ultimate Organic analysis. Laboratory practice. Second term.

7. **Agricultural Chemistry.**—The laws of plant life and fertility are considered. Fertilizer analysis is practiced in the Laboratory. This course covers the legal requirements for teachers of Pennsylvania township high schools. Third term.

8. **Industrial Chemistry.**—Water and Gas Analysis. Water is examined for sanitary and boiler purposes. During the second half term the air, and producer and other gases are studied. First term.

9. **Industrial Chemistry.**—Iron ore, rock, and clay analysis. Second term.

10. **Industrial Chemistry.**—Assaying and Metallurgy. Third term.

11. **Physiological Chemistry.**—This course includes such chemical determinations as are of special importance to medical students. Second term.

12. **Physiological Chemistry.**—Continuing Course 11, including Toxicology and urine analysis.

HONOR COURSES.

13. **Physical Chemistry.**

14. **Stereo-Chemistry;** alternating with 13.

15. **Chemical Philosophy.**

16. **Modern Theories of Chemistry;** alternating with 15.

17. **History of Chemistry.**

18. **Rise and Development of Organic Chemistry;** alternating with 17.

In PHYSICS seven courses are offered, three of which are elective and four are honor courses.

1. **Mechanics, Sound and Heat.**—This course consists of lectures, demonstrations, and recitations, appropriately illustrated.

Elective. Junior year, first term, five hours.

2. **Mechanics, Sound and Heat.**—Experimental course.

Honor. Juniors and Seniors. Five hours of Laboratory work.

3. **Electricity and Light.**—Study of text-book, lectures, and experiments.

Elective. Junior year, second term, five hours.

4. **Electricity and Light.**—Experimental course.

Honor. Juniors and Seniors. Five hours of Laboratory work.

5. **Magnetism and Electricity.** An experimental course, open as an elective to those who have taken courses 1 and 3. Experiments are made by the students, and, where practicable, absolute measurements are taken. Recitations and Laboratory work.

Elective, third term.

6. **History of Natural Science.** Honor.

7. **Development of Applied Science in 19th Century.** Honor.

The Chemical and Physical Society holds meetings bi-weekly to discuss questions in Chemistry and Physics.

XIII. DEPARTMENT OF ORGANIC SCIENCE.

GEORGE G. GROFF, M. D., PH. D., LL. D., PROFESSOR.

Nelson Fithian Davis, SC. M., ASSISTANT PROFESSOR.

It is the constant aim in this department to teach how to interpret nature. The student is guided in his investigations by lectures and laboratory manuals.

Courses 1, 2, 3, 4, 5, 6, 14, 15, 16, 17, 19, 20, 21, and 22 are given by Professor Groff.

Courses 7, 8, 9, 10, 11, 12, 13, 15 and 18, by Professor Davis.

1. **Animal Physiology.**—Recitations, lectures, and laboratory work. Second term, Sophomore year, five hours.

2. **Neurology.**—Recitations, lectures, and laboratory work. Third term, Sophomore year, five hours. Prerequisite: Course 1 and General Chemistry.

3. **Pathology.**—Recitations, lectures, and laboratory work. First term, Senior year, five hours.

4. **Sanitary Science.**—Lectures. Third term, Junior year, one hour.

5. **Human Osteology and Comparative Anatomy.**—Recitations and dissections. First term, Senior year, five hours.

6. **Human Anatomy.**—Recitations and dissections. Second term, Senior year, five hours.

7. **Normal Histology.**—Recitations, lectures, and laboratory work. Second term, Junior year, five hours.

8. **Embryology.**—Recitations, lectures, and laboratory work. First term, Junior year, five hours.

9. **Biology.**—Recitations and dissections. Third term, Sophomore year, five hours.

10. **Invertebrate Zoölogy.**—Recitations and dissections. First term, Junior year, five hours.

11. **Vertebrate Zoölogy.**—Recitations and dissections. Second term, Junior year, five hours.

12. **Organic Evolution.**—Honor course. Second term, Junior year, two hours.

13. **Heredity.**—Honor course. Third term, Junior year, two hours.

14. **Phænogamic Botany.**—Recitations, lectures, and field work. Third term, Sophomore year, five hours.

15. **Cryptogamic Botany.**—Recitations, lectures, and field work. Third term, Junior year, five hours.

16. **Plant Physiology.**—Honor course.

17. **Elements of Forestry.**—Honor course.

18. **Bacteriology.**—Recitations, lectures, and laboratory work. Third term, Junior year, five hours.

19. **Materia Medica.**—Recitations, lectures, and laboratory work. Third term, Senior year, five hours.

20. **Mineralogy and Geology.**—Recitations, lectures, and laboratory work. First term, Junior year, five hours.

21. **Economic Geology.**—Recitations, lectures, and laboratory work. Second term, Junior year, five hours.

22. **Historical Geology.**—Honor course.

XIV. DEPARTMENT OF MEDICINE.

WILLIAM LEISER, M. D.,
Lecturer on Surgery.

GEORGE G. GROFF, M. D., LL. D.,
Professor of Organic Science.

WEBER L. GERHART, M. D.,
Lecturer on Anatomy.

NELSON FITHIAN DAVIS, SC. M.
Asst. Professor of Organic Science.

CHARLES ALEXANDER GUNDY, M.D.,
Lecturer on Pathology.

WILLIAM GUNDY OWENS, A. M.,
Professor of Chemistry.

For the present Bucknell University does not offer a full course of medical study nor confer degrees in medicine; but offers the Preparatory studies and most of the non-clinical studies of the first two years of the courses required in the Medical Colleges. The student can select from the medical subjects offered at Bucknell University such as will be required for advanced standing in the

Medical College in which he may wish to complete his studies for the degree in medicine, and if his standing in such subjects averages not less than nine, he will receive from the Department of Medicine in Bucknell University a certificate of proficiency in those subjects and in such other subjects related to medical studies as he may have completed at Bucknell. These subjects are open only to students in the College of Liberal Arts and the Certificate of Proficiency is given to students only upon graduation, and in addition to the Diploma of the College of Liberal Arts.

1. **Animal Physiology.**—Recitations, lectures, and laboratory work.

2. **Neurology.**—Recitations, lectures, and laboratory work.

3. **Physiological Psychology.**—Recitations, lectures, and experiments.

4. **Pathology.**—Recitations, lectures, and clinics.

5. **Sanitary Science.**—Lectures.

6. **Human Osteology and Comparative Anatomy.**—Recitations and dissections.

7a. **Human Anatomy.**—Recitations and dissection of human body.

7b. **Human Anatomy.**—Recitations and dissection of human body.

8. **Normal Histology.**—Recitations, lectures, and laboratory work.

9. **Embryology.**—Recitations, lectures, and laboratory work.

10. **Biology.**—Recitations and dissections.

11. **Invertibrate Zoölogy.**—Recitations and dissections.

12. **Vertebrate Zoölogy.**—Recitations and dissections.

13. **Phænogamic Botany.**—Recitations, lectures, and field work.

14. **Cryptogamic Botany.**—Recitations, lectures, and field work.

15. **Bacteriology.**—Recitations, lectures, and laboratory work.

16. **Materia Medica.**—Recitations, lectures, and laboratory work.

17. **Descriptive Chemistry.**—Recitations and laboratory work.

18. **Analytical Chemistry.**—Recitations and laboratory work.

19. **Quantitative Analysis.**—Recitations and laboratory work.

20. **Toxicological and Urine Analysis.**

21. **Physiological Chemistry.**—This Course includes such chemical determinations as are of special importance to medical students.

22–24. **Physics**—Three courses.

The Biological Laboratory is equipped with apparatus for carrying on work in the Organic Sciences. A large room has been fitted up especially for Microscopic work with equipments for fifteen students. Each student has a separate desk containing a microscope and the necessary reagents. The Laboratory is also supplied with collecting and bacteriological apparatus, with books of reference, and other appliances necessary for carrying on Biological research. Those taking Microscopy, have the use of microtomes, incubators, reagents, etc. New apparatus is added as occasion demands. The work in Zoölogy is illustrated by marine and fresh-water forms, skeletons, and mounted specimens. In Comparative Anatomy and Osteology the work is illustrated by skeletons representing different types of vertebrates. Physiology is illustrated with human skeletons, a life-sized French manikin, prepared tissue, and numerous charts. Material for Human Anatomy is received from the State Anatomical Board in Philadelphia, and each student has the opportunity to dissect the whole human body. The work in Materia Medica is illustrated by specimens of crude drugs. The student in Histology and Embryology has a good supply of paraffin and collodion blocks. The work is illustrated with microscopic slides, alcoholic material, and French wax models. Each student is provided with dissecting instruments.

THE LIBRARIES AND READING-ROOM.

Librarian: PROFESSOR WILLIAM E. MARTIN, A. M.
Assistants: CARL W. TIFFANY AND SARAH H. AYRES.

The College Library.—The general library contains about twenty-two thousand volumes, besides several thousand pamphlets. The reading-room is connected with the library, and offers facilities for reading, studying, and writing. During term-time both are open forenoon, afternoon, and evening of each day, Sundays and holidays excepted, and both are maintained without extra charge to students. Students in all departments have free access to the shelves, and may draw two books at one time and retain them for two weeks, with the privilege of one renewal, if desired.

For greater convenience of instructors and students, collections of special technical books are also kept in the Laboratories of the Physical and the Organic Sciences, and in the Astronomical Observatory.

The library is regarded as a working laboratory for all departments of instruction, students being constantly cited to it in class-room work. In this way, while answering the purpose of general culture, it supplements in great measure the monographic treatment of text-book study, and the student is trained under competent guidance to become an investigator. The resulting practical acquaintance with books and bibliography proves a valuable part of liberal education.

By aid of the Card Catalogue, and Pool's Index to Periodicals, all the resources of the library on any given subject are at once available.

Valued contributions in books, pamphlets, periodicals, and money, have been made during the year by the following:

American Baptist Education Society, American Historical Society, American Baptist Home Mission Society, American Baptist Missionary Union, Hon. E. A. Armstrong, A. M., Art Metal Construction Co., Prof. E. Aviragnet, Mus. Doc., Thomas Willing Balch, Lemuel Call Barnes, D. D., Mrs. M. W. Bates, Edward Bell, B. A., Walter Bertolette, Mrs. Anna M. Black, Rev. B. R. Black, A. M., Mrs. A. E. Bower, Rev. A. B. Bowser, A. M., Mrs. Daniel G. Brinton, Brooklyn Library, Estate of Rev. James F. Brown, D. D., Bryn

Mawr College, Bucknell Library of Crozer Theological Seminary, Bucknell University Class of 1901, Carnegie Libraries of Allegheny and of Pittsburg, Civil Service Commission, Rev. Henry T. Colestock, Ph. D., *Columbia University Quarterly*, William C. Conant, William J. Coxey, A. M., H. E. Deats, Esq., Deering Harvester Co., Mrs. Rev. D. Dewolf, Principal H. C. Dixon, B. S., John C. Eccleston, Esq., Rev. A. E. Finn, A. B., Rev. Vincent B. Fisk, A. M., Hon. B. K. Focht, *Forest Leaves*, W. L. Gerhart, M. D., Ginn & Co., Registrar W. C. Gretzinger, Ph. B., Rev. T. S. Griffiths, D. D., Prof. George G. Groff, M. D., LL. D., *Hartford Seminary Record*, Prof. E. M. Heim, Ph. D., Alfred E. Hostelley, Principal Elkanah Hulley, A. M., Rev. R. M. Hunsicker, A. M., Hon. A. W. Johnson, A. M., Prof. Elias H. Johnson, D. D., LL. D., Rev. John T. Judd, A. M., J. Lloyd Kalp, George C. Kelly, Esq., T. P. Kyle, Labor Statistics Bureaus of Illinois, Maryland, Michigan, New York, Ohio, Lake Mohonk Conference, Leinbach & Brother, *Lewisbury Chronicle*, *Lewisburg Journal*, P. B. Linn, A. M., Craige Lippincott, Esq., Mrs. Annie W. Lodge, Longmans, Green & Co., Mrs. A. T. Loomis, Macmillan Co., Hon. Thad M. Mahon, J. C. Van Marken, Richard H. McCartney, James C. Macnab, A. B., *Middleburg Post*, G. Barron Miller, A. M., Lemuel Moss, D. D., *New Jersey Baptist Bulletin*, Oahu College, Open Court Pub. Co., Prof. W. G. Owens, A. M., Rev. E. B. Palmer, D. D., Pennsylvania Society of New York, Pennsylvania State College Experiment Station, Pennsylvania State Library, Pennsylvania Superintendent of Instruction, Hon. Boies Penrose, Prof. E. Perrine, Litt. D., *Philadelphia Evening Telegraph*, Philadelphia Free Library, Philippine Information Society, *Post Graduate*, Rev. Henry Boas Rankin, Prof. G. C. L. Riemer, A. M., *Rochester Baptist Monthly*, Rochester Theological Seminary, Prof. F. E. Rockwood, LL. D., Charles Scribner's Sons, Edwin Jacquett Sellers, A. Scott Sheller, Esq , Rev. John Sherman, B. A., Smithsonian Institution, O. W. Spratt, LL. B., Edgar Taft Stevenson, Rev. A. B. Still, A. M., *Sunset*, Charles H. Swan, Jr., *Temple Review*, *Travellers' Record*, *University Record*; Universities: Chicago, Chili, Cincinnati, Colgate, Columbia, Michigan, Pennsylvania, Princeton, Rochester, Wesleyan, Western Reserve, Wooster, Yale; Rev. T. E. Vassar, Jr., T. K. Van Dyke, A. B., Rev. J. G. Walker, D. D., Rear Admiral John G. Walker, U. S. N., Warner and Swasey; Washington Government Departments: Agriculture, Education, Ethnology, Geological Survey, Interior, Labor, National Museum, Navy, Patent Office, State, Superintendent of Documents, Treasury, War.

THE MUSEUM.

The College possesses a good collection of illustrative material in Botany, Mineralogy, Geology, Zoölogy, Materia Medica, and Histology.

The specimens are distributed under these classifications and those of Archæology as follows:

Botany	1,600
Mineralogy	3,000
Geology	2,000
Zoölogy	4,500
Archæology	525
Histology	1,200
Materia Medica	350
Total	13,175

Additions to the Museum will always be thankfully received, especially of objects which can be used in laboratory work.

Among these may be mentioned: Zoölogical specimens, especially marine and fresh-water forms of life; insects; skeletons of vertebrate animals, birds, and mammals; botanical specimens; crystallized minerals; American and especially Pennsylvania rocks.

Contributions for the Museum have been received during the past year from The Philadelphia Commercial Museum, Ernest A. Sterling, Dr. Charles P. Sigerfoos, of the University of Minnesota; Dr. George G. Groff, J. Sanford Davis, Rev. D. S. Maynard, of Wildwood, N. J., Prof. C. A. Lindemann, Walter Senn, Earl N. Davis, of Allenwood; Rev. J. W. Griffith, and Rev. J. W. Roland.

GENERAL COLLEGE ORDERS.

ATTENDANCE.

Only under exceptional circumstances will excuses be granted to leave College during term time. In such cases the examination on the studies gone over by the class, during a student's absence, will be specially searching, and a high degree of attainment will be required. One who is absent during the entire term must almost necessarily lose his standing in his class. The work of the term begins on the day of opening, and recitations are expected at the first hour appointed for the meeting of the classes. The work continues uninterruptedly, with the exception of holidays marked in the Calendar, until the last day of the term.

STANDING.

Each instructor records, in numbers ranging from 0 to 10, the character of the recitation of every student reciting to him, and notes also any delinquency in conduct and attendance. The weekly summary of these markings is recorded in permanent books, and constitutes the basis for determining the standing of the student during his connection with the institution. Unexcused absences from recitations are counted as zero in making up the weekly averages. *Excused* absences have half the effect in lowering a student's standing as unexcused absences, but a student may, at the option of the professor, do supplementary work, to obviate the effect upon his standing, of excused absences. At the close of each term an average of these marks is made out, and a report of the scholarship, attendance, and conduct of each student is transmitted to his parent or guardian by the President. No student is advanced from one class to another whose average in any study is less than 7. Nor is any student recommended to the Board of Trustees for graduation if his average standing during either his Junior or Senior year shall fall below 8.

Conditioned students are not recommended to the Board of Trustees for promotion. Students conditioned on entrance must discharge such conditions within the first year thereafter.

If a student has failed in the studies of a term, he will not be permitted to enter upon the studies of a subsequent term until he has passed in the subjects in which he failed, unless a postponement of examination to a definite time is granted by the Faculty.

A student who has not completed his rhetorical work in any term will not be permitted to enter upon any of the work of the succeeding term until such deficiency is made up.

Appointments in the Graduating Class are made according to the aggregate standing of each member during his entire course. But in assigning these parts the Faculty takes into account the deportment of the student, as well as marks for recitations. The minimum average for an Oration of the First Class is fixed at 9, and for an Oration of the Second Class at 8.

Students who attain an average of 9.4 or more for their entire course are graduated *summa cum laude;* students who attain an average of 9.2 or more are graduated *magna cum laude;* those who attain an average of 9 or more are graduated *cum laude.*

EXAMINATIONS.

The dates of the examinations are given in the Calendar. In case a student fails to be present at the examination of his class, for any justifiable reason, his examination will be held at such time as the Faculty may appoint, but in no case is an examination granted a student in advance of the time appointed for the examination of the class.

PUBLIC WORSHIP.

The College duties of each day are opened with religious services in Bucknell Hall, which all the students of the College are required to attend.

Attendance upon public worship in some church in town on Sunday morning is required. Students must attend the religious services held on Thanksgiving Day.

On the day of Prayer for Colleges, religious services are held in the forenoon, when a sermon is preached by the President, or by some one at his request. All the students are required to attend. In the afternoon and evening services are held in Bucknell Hall, attendance upon which is advised, but not required.

GOVERNMENT.

It is assumed that all who enter upon the courses of study in the College do so for the purpose of acquiring an education, not only of the intellect, but also of character. The Laws of the College, enacted by the Board of Trustees, are as few and simple as the proper regulation of a community of young men will permit. These are printed, and a copy is placed in the hands of every student at the beginning of each year. These laws must be observed, not only in their letter, but in their spirit. The atmosphere of the Institution is not that of arbitrary restraint, but of reasonable conformity to reasonable laws. The College does not wish to place its stamp or bestow its honors upon any one who is not willing to deport himself as a gentleman. Each student is distinctly placed upon his manhood, and if he abuses his privileges, after reasonable caution, he must withdraw from the Institution.

PRESIDENT'S OFFICE HOURS.

The President of the University is in his office, in the Main College building, every Tuesday, from 9.30 A. M. to 12 noon, to confer with students who may desire advice or assistance. Students are encouraged to communicate frankly with the President upon any subject in which he may be of help to them.

OFFICE HOURS FOR THE COLLEGE WOMEN.

The Dean of the College women will receive, in her office in the Institute, College women who may desire advice or assistance from her.

VOLUNTARY SOCIETIES.

Euepia; Theta Alpha.—These are the two Literary Societies of the College for men. They hold meetings for Orations, Essays, and Debates. Each Society has a convenient hall, and by an arrangement of the Faculty, will always have a nearly equal number of members.

The Zeta Literary Society is composed of young women admitted to any of the courses in the College.

The Young Men's Christian Association is formed of students from College. It receives religious periodicals and corresponds with kindred societies. A hall has been appropriated to the Society, and has been suitably furnished for religious meetings.

The Students' Publishing Association is an organization which has in charge the issuing of the *Bucknell Mirror*. This periodical appears monthly during the collegiate year. The same Association publishes the *Commencement News* daily during Commencement week.

Another association of students publishes, weekly, during the school year the *Orange and Blue.*

The Athletic Association of the College has been formed to encourage and regulate athletic sports. Considerable liberty is allowed the Association in carrying out its purpose. The Association is not allowed, however, to arrange match games with other similar bodies without having secured the consent of the Faculty.

No student who is deficient in rhetorical or class-room work in any term shall be eligible to the office of Manager or Director in any student organization, or to be a member of any exhibiting organization, or of any contesting athletic team, or of any Publishing or Editing Board during any subsequent term until such deficiency is made up.

HEALTH AND PHYSICAL CULTURE

GEORGE W. HOSKINS, DIRECTOR.

The Tustin Gymnasium has been provided for the physical training and development of young men. Young women have opportunity for physical training in the Gymnasium of the Institute. These are now provided with the apparatus usually found in well-furnished gymnasiums. The Directors of the Gymnasium examine every student, taking and recording in a book his physical measurements, and prescribe such exercise as may be required for his physical development. Regular exercise in the Gymnasium is required of all students during the winter term.

AIDS AND HONORS.

PRIZES.

The prizes are awarded to the persons who in the judgment of the several committees attain the highest degree of excellence among the respective competitors, but no prize is bestowed unless a high degree of merit has been attained by the person receiving it.

THE PRIZE OF THE CLASS OF '71.

This prize, established by the Class of 1871, is awarded to the student of the Freshman Class who shall prove himself best prepared for College in the two branches, Latin and Mathematics, and who shall have received his preparatory training in Bucknell Academy.

The prize for 1901 was awarded to William Miles Kieffer.

THE FRESHMAN DECLAMATION PRIZE.

A prize is awarded to the member of the Freshman Class who shall excel in declamation at the Annual Contest of the Freshman Class.

The prize was awarded in 1901 to Thomas Edward Cule.

THE FRESHMAN ESSAY PRIZE.

An annual prize is given to that member of the Freshman Class who shall on or before the first day of June in each year, present the best essay upon a topic to be selected by the Professor of Rhetoric. The Committee of Award will consist of the Professor of Rhetoric and two others to be designated by the Faculty.

The prize for 1901 was awarded to William Miles Kieffer.

THE SOPHOMORE DECLAMATION PRIZE.

A prize is awarded to the member of the Sophomore Club who shall excel in declamation at the Annual Contest of the Sophomore Class.

The prize for 1901 was awarded to Frank King Singiser.

THE SOPHOMORE ESSAY PRIZE.

A prize is awarded to the member of the Sophomore Class who shall write the best English composition on an assigned subject. The Committee of Award consists of the Professor of Rhetoric and two others chosen by him.

The compositions are limited to 2,000 words, and must be presented to the Committee on or before the first day of June.

The prize was awarded in 1901 to Mary Alma Garrison.

DECLAMATION PRIZES FOR WOMEN.

Prizes for the best declamation open for competition to the Sophomore and Freshman Classes, were awarded in 1901 respectively to Martha Jane Thomas and Mary Allison Fowler.

THE REGISTRAR'S PRIZE.

The Registrar of the University offers a prize to that member of the Junior Class who shall pronounce the best oration at the Junior Exhibition in Oratory.

The Junior oratorical prize was awarded in 1901 to Charity Margaret Runyan.

THE JUNIOR DEBATE PRIZE.

Prizes are awarded to the two members of the Junior Class who evince superiority in debate at the Junior prize contest.

The first prize was awarded in 1901 to John William McCracken; the second to Philip Reilly.

THE HOLLOPETER PRIZE.

William C. Hollopeter, M. D., Class of 1874, has established an annual prize for excellence in Chemistry, to be awarded to that student at graduation who shall have done the best work in Chemistry, regard being had both to the amount and quality of the work.

The prize was awarded in 1901 to Creighton M. Konkle.

THE HERBERT TUSTIN PRIZES

In memory of his deceased son, the late Professor F. W. Tustin, Ph. D., of the Class of 1856, paid to the Trustees of the University the sum of five hundred dollars, "as the foundation of the HERBERT TUSTIN PRIZE FUND, the interest of which is to be forever paid annually as two prizes, in the proportion of fifteen dollars for the First Prize, and of ten dollars for the Second Prize, to the two students of the Senior Class who shall have attained the highest and the second highest standing in Psychology and Ethics (under such regulations for the pursuit of these studies as the Faculty of the College shall prescribe from time to time), and whose conduct for the last two years of their course in College shall have been without exception."

The first prize was awarded in 1901 to Archibald Merrill Allison, and the second to Jennie Davis.

THE HERBERT GOODMAN BARROWS PRIZES.

In memory of his son, the Reverend William Barrows, A. M., of the Class of 1867, paid to the Trustees of the University the sum of five hundred dollars, "as the foundation of the HERMAN GOODMAN BARROWS PRIZE FUND, the interest of which is to be forever paid annually as two prizes of equal amounts to the student or two students of the Senior Class who shall have attained the highest standing, respectively, in the Latin and in the Greek language and literature (under such regulations for the pursuit of these studies as the Faculty of the College shall prescribe from time to time), and whose conduct for the last two years of their course in College shall have been without exception."

The Prize for excellence in Greek was awarded in 1901 to Andrew Nevinger Evans; the Prize for excellence in Latin was awarded in 1901 to Katherine Mott Johnson.

THE JOHN SPRAGUE PRIZE.

The Reverend Thomas Harry Sprague, Ph. B., of the Class of 1897, offers an annual prize to the student who excels in the courses in the English Bible, to be named in memory of his father, THE JOHN SPRAGUE ENGLISH BIBLE PRIZE.

This prize will be awarded for the first time at the annual Commencement, 1902.

THE CHAPLAIN J. J. KANE PRIZE.

The Reverend James J. Kane, A. M., Chaplain in the United States Navy, and a graduate from the Theological Department of this University, of the class of 1867, has established a prize which is to be given annually to that member of the graduating class who delivers the best oration on Commencement Day.

The prize was awarded in 1901 to Jennie Davis.

THE CHARLES MILLER FELLOWSHIP.

A fellowship in Chicago University, open only to graduates of Bucknell University, has been founded by Gen. Charles Miller, A. M., of Franklin, Pa.

The Bucknell University Fellow for 1901 is Llewellyn Phillips, A. M., Class of 1892.

SCHOLARSHIPS.

I. THE BUCKNELL SCHOLARSHIPS.

The William Bucknell Scholarships, twenty in number and of $1,000 each, were established for the purpose of aiding worthy young men in secur-

ing an education which will increase their usefulness in life. The income of these scholarships is to be paid annually to twenty young men, in accordance with the rules which will be made known upon application to the Committee of Examination, consisting of the President of the University, H. S. Hopper, Esq., and Professor Rockwood.

II. SCHOLARSHIPS FOR MINISTERS' CHILDREN.

Scholarships upon the general foundation have been established for the children of ministers of the Gospel, of all denominations, in active service.

III. THE LIVINGSTON SCHOLARSHIPS

Established from a legacy of M. B. Livingston, twenty-two in number, are available for students for the Ministry.

IV. THE LONGAN SCHOLARSHP.

The Longan Scholarship, established from a legacy of O. W. Longan, Esq., is available for a student for the Ministry from Lycoming Co., Pa.

V. ANNUAL SCHOLARSHIPS.

A number of persons have established annual scholarships for the aid of young men or women attending college. Information concerning ministerial and annual scholarships can be obtained from the President of the University.

HONOR STUDIES.

In order to promote special scholarship in the several departments of study the following provision has been made:

1. Any student who has obtained an average of 9 in the studies of the previous term may take special work in any department of the College, under the direction of the Professor of that department.

2. Such work must be assigned by the Professor, and the method of study prescribed by him.

3. If the students shall attain an aggregate average of 9 in all the studies of the current term, and pass a satisfactory examination in the voluntary study, the work shall be credited to him in the Annual Catalogue of the College.

4. Only one such study shall be pursued by any one student during any one term. A student may also take two honor studies in the Summer vacation.

5. The Professor with whom the student is working shall have the priv-

ilege of requiring a partial examination on the work done at any time during the term, and there may be regular recitations at the Professor's option.

6. The amount and quality of this extra work shall be taken into account in awarding honors at graduation.

The following Honor Examinations have been sustained during the year ending June 19th, 1901:

CLASS OF 1901.

George Wells Alexander, in Roman History, in the History of Art, and in Debate; Laura Louisa Allen, in Anthropology, in Sociology, in French, and in Browning; Archibald Merrill Allison, in Romans; Frank Anderson, in Xenophon's Memorabilia, in Greek Testament, in the History of Pennsylvania, in Organic Evolution, in Anthropology, and in English Prose; Caleb Barrett Ayars, Jr., in the History of Pennsylvania and in Organic Evolution; Lyndon Ernest Ayres, in the Philosophy of Education, in Sociology, and in Milton; Andrew Berend Shelley Bechtel, in English History, in Chaucer, in Browning, in German, and in Debate; Susan Elsie Bentz, in American History; Frank Jones Bevan, in Practical Astronomy, in Comparative Psychology, and in Organic Evolution; Charles Franklin Bidelspacher, in Social Reform; Catherine Ruth Bower, in the History of Art, and in Browning; Percy Myron Bullard, in the Philosophy of Education; Frank Eugene Burpee, in Xenophon's Memorabilia, in the Iliad, in English Prose, in Sociology, in the Philosophy of Education, and in Debate; Mary Protheroe Davies, in Chaucer and in Browning; Jennie Davis, in the Philosophy of Education and in Browning; Minnie Gertrude Eckels, in Quintilian and in Browning; Andrew Nevinger Evans, in the Philosophy of Education, in Xenophon's Memorabilia, and in Greek Testament; Maria Maude Goddard, in Heredity; Sarah Mabel Grier, in Anthropology and in Browning; John Arthur Hague, in Sociology, in Heredity, in Chaucer, and in Greek Testament; Elbert Huff, in Anthropology and in Organic Evolution; Katherine Mott Johnson, in Quintilian and in Browning; Creighton M. Konkle, in Theories of Chemistry, in Romantic Movement in Literature, and in Browning; Albert Funk Meschter, in Sociology, and History of Modern Europe; Elmer Henry Myers, in Browning; Charles Judd Pearse, in American Diplomacy, in Sociology, in Economic History, and in Greek Testament; Edith Lee Phillips, in Systematic Botany, in Advanced Composition, and in Browning; Raymond Griffith Pierson, in Greek New Testament and in Browning; Emma Clare Probasco, in Browning; Edgar Thomson Shields, in Debate; Amandus Merkel Smith, in the History of Pennsylvania and in The State; Harland Adams Trax, in Economic History; Bessie Helen Wells, in German, in Browning, and in the Philosophy of Education; Charles Wagner Wolfe, in Sociology, in the Philosophy of Education, and in the Greek Testament; Jennie May Wood, in Anthropology, and in Chaucer.

CLASS OF 1902.

Edna Lorine Bacon, in German, in American Literature, in Browning, and in Organic Evolution; Benjamin Franklin Bieber, in Metaphysics; Charles Isaiah Boyer, in English Romanticism, in American Literature, in Vocal Expression, in Greek History, and in Debate; Helen Witter Buoy, in English Bible (two courses); John Davis, in German, and in Cicero de Amicitia; Joseph Sanford Davis, in Quantitative Chemistry, and in Comparative Psychology; Gertrude Jane Deppen, in German, in Organic Evolution, and in Heredity; William Leigh Durham, in Mechanical Drawing; Charles Edward Goodall, in Economic History; Carrie Jeannette Halfpenny, in American Literature, in Sociology, and in Organic Evolution; Henry Thomas Harvey, Jr., in American History, and in American Politics; Eli Peter Heckert, in German (two courses), in Argumentation, and in Sociology; Sarah Ethel Judd, in German, in History of Art, and in Systematic Botany; Thomas Phillips Kyle, in German, and in Debate; Willis Edgar Maneval, in Calculus, and in Heredity; Olin Stacy Voke Marts, in Economic History; John William McCracken, in American Literature, in Paradise Lost, in the State, in Sociology, in Economic Theories, and in Debate; Phillip Reilly, in Debate; William Sawyer Robinson, in Calculus, in Heredity, and in Economic History; Charity Margaret Runyan, in Anthropology, in Chaucer, and in Heredity; Frances Gertrude Scott, in American Literature, in Organic Evolution, and in Heredity; Mary Edna Thatcher, in Comparative Psychology, and in Browning; Mary A. Unger, in American Literature, in Organic Evolution, and in Heredity; Lulu Welliver, in American Literature, in Organic Evolution, and in Anthropology; Thomas Lamar Williams, in Milton, in Argumentation, and in Heredity.

CLASS OF 1903.

Irwin Albert Bartholomew, in Anthropology; Harry Edmund Bilger, in Mensuration; Joanna Boyce, in Browning; Charles Henry Brown, in Algebra; Bessie Rebecca Burchette, in Memorabilia; Elva Sarah Coleman, in Horace; John Belmont Cook, in Surveying; Emma Rebecca Ebling, in Memorabilia, in Horace, and in Spanish; Jane Ridgway Fowler, in Horace and in Spanish; Mary Alma Garrison, in Romans; Hannah Goodman, in Cicero de Amicitia, and in Horace; Abram Cyrus Gunter, in Higher Algebra and in Calculus; Reese Harvey Harris, in Memorabilia, in Greek History, in Spanish, in History of Art, and in Systematic Botany; Mary Lila Long, in Horace and in Spanish; Ida Eveline Luchsinger, in Memorabilia; Carolyn Janet Patterson, in Memorabilia, and in Horace; Grace Browning Roberts, in Browning; Helen Agatha Selinger, in Anthropology, in Higher Algebra, and in American Literature; Cloyd Nillis Steininger, in

German, in Argumentation, and in American Literature; George Herbert Stewart, in Mensuration; Ernest Launcelot Taylor, in Determinants, in Mechanical Drawing, and in Plotting; Carl Wayland Tiffany, in Anthropology, in American Literature, and in Mechanical Drawing; David Robinson Walkinshaw, in Memorabilia, in Spanish, and in Systematic Botany; Alvin Monroe Weaver, in Memorabilia, in Greek History, in Odyssey, and in Anthropology; Howard King Williams, in English Bible and in Anthropology.

CLASS OF 1904.

Blanche Allyn Bane, in Browning; Walter Gearhart, in Mensuration; Edwin Patterson Griffiths, in Livy; Velola E. Hall, in Higher Algebra; John Edward Heidenreich, in Higher Algebra; William Miles Kieffer, in German, in Odyssey, and in Livy; Ebenezer Edward Morris, in Higher Algebra; Milo Gilbert Raub, in Odyssey, in Greek Testament, and in Sociology; David Wallace Robinson, in Higher Algebra; James Fay Shipman, in Higher Algebra, and in Spanish; Olin Perry Thomas, in Higher Algebra.

EXPENSES.

The College charges amount to $90 per annum, for those who room in the College building, and $80 for those who room in the town. Tuition is rated at $50 per annum. This charge is for the regular work; when a fourth study or honor study is taken, an extra charge is made. Graduation fee and diploma, $10. Degree of Master of Arts and Diploma, $10.

The Study Rooms in the Main College are so arranged that two students occupy the same study. The Dormitories are intended to accommodate only one person, so that each student has his own private sleeping room. These are furnished with new spring bedsteads. The student must supply himself with all other furniture. Students are responsible for damage to their rooms, whether it be done when they are present in the room or absent from it.

If a student occupy a study by himself, the charges for room-rent and private fuel will be doubled.

An extra charge ranging from $5 to $10 per term is charged for rooms in the West College.

An additional charge is made for rooms cared for by the Institution.

Young men in the Collegiate Department, who so desire, can have furnished rooms in the West College, with board in the Academy; young women in the same department room and board in the Institute. For rates apply to the Registrar.

The assignments of rooms are for one year, and are made the first Monday morning in June, immediately after the devotional exercises in Bucknell Hall. Students from a distance will save inconvenience by applying to the Registrar for a room before the term opens.

In the Laboratories students pay for chemicals used and for apparatus broken or damaged. In the chemical laboratory this will amount to about $10 for Analytical and $3 for General Chemistry, depending upon the care of the student.

A small fee is charged also in each of the elective courses in the department of Organic Science, and in Surveying and Engineering, for the use of instruments and for material used.

Before entering upon the experimental courses students must deposit with the Registrar security for materials used.

These charges must be paid in advance at the beginning of each term.

No student is entitled to his place in his class until he has made settlement with the Registrar.

Students can board in clubs at a cost of from $2.00 to $2.50 per week. Excellent boarding can be obtained in private families at $3.00 or $4.00 per week, or at the table of the Bucknell Academy at $3.00 per week. Washing is done at 25 cents per week. No boarding is allowed in the College buildings.

FIFTY-FIRST ANNUAL COMMENCEMENT.

Wednesday, June 19th, 1901.

HONORS AT GRADUATION.

ORATIONS SUMMA CUM LAUDE.

Laura Louisa Allen,
Archibald Merrill Allison,
Frank Anderson,
Percy Myron Bullard,
Jennie Davis,
Minnie Gertrude Eckels,
Sarah Mabel Grier,
Katherine Mott Johnson,
Charles Byron Lesher,
John Henry Neuhauser,
Edith Lee Philips,
Harland Adams Trax,
Jennie May Wood.

ORATIONS MAGNA CUM LAUDE

George Wells Alexander,
Lyndon Ernest Ayres,
Andrew Berend Shelly Bechtel,
Susan Elsie Bentz,
Frank Jones Bevan,
Charles Franklin Bidelspacher,
Frank Eugene Burpee,
Mary Protheroe Davies,
Maria Maude Goddard,
John Arthur Hague,
Creighton M. Konkle,
Charles Judd Pearse,
Jay F. Snyder.

ORATIONS CUM LAUDE

Albert Funk Meschter,
Emma Clare Probasco,
Otto Warren Reichley,
Edgar Thomson Shields,
Amandus Merkel Smith,
Bessie Helen Wells,
Charles Wagner Wolfe.

ORATIONS.

Caleb Barrett Ayars, Jr.,
Harvey Silverwood Bogar,
Catherine Ruth Bower,
Andrew Nevinger Evans,
Thomas Evans, Jr.,
Gottlieb L. Freudenberger,
Lee McCloskey Goodman,
Charles Ellsworth Hankey,
Elbert Huff
Harry Louis Maize,
Elmer Henry Myers,
Raymond Griffith Pierson,
Joseph Zerbe Rowe,
Walter Elmer Ruch,
David Asbury Sausser,
Samuel Calvin Smith,
John Storer Stephens,
William Espy Thompson,
Samuel Garber Williams.

DEGREES CONFERRED ON EXAMINATION.

MASTER OF ARTS.

Sarah Martha Black,
Emily Miller Bolenius.

MASTER OF PHILOSOPHY.

Alvin Alonzo Cober,
Elizabeth Lillian Foust,
John Arthur Hague,
Emilie Louisa Pooley.

MASTER OF SCIENCE.

Marion Aubrey Carringer,
Harvey Learn Fassett,
Ernest Edward Johnson,
James Palm Stober,

BACHELOR OF ARTS.

George Wells Alexander,
Laura Louisa Allen,
Archibald Merrill Allison,
Frank Anderson,
Lyndon Ernest Ayers,
Charles Franklin Bidelspacher,
Catherine Ruth Bower,
Percy Myron Bullard,
Frank Eugene Burpee,
Andrew Nevinger Evans,
Maria Maude Goddard,
Lee McCloskey Goodman,
Sarah Mabel Grier,
Charles Ellsworth Hankey,
Katherine Mott Johnson,
Creighton M. Konkle,
Harry Louis Maize,
Albert Funk Meschter,
Elmer Henry Myers,
John Henry Neuhauser,
Charles Judd Pearse,
Edith Lee Philips,
Joseph Zerbe Rowe,
Walter Elmer Ruch,
Edgar Thomson Shields,
Amandus Merkel Smith,
John Storer Stephens,
Charles Wagner Wolfe,
Jennie May Wood.

BACHELOR OF PHILOSOPHY.

Andrew Berend Shelly Bechtel, John Arthur Hague,
Susan Elsie Bentz, Raymond Griffith Pierson,
Harvey Silverwood Bogar, Emma Clare Probasco,
Jennie Davis, David Asbury Sausser,
Minnie Gertrude Eckels, Jay F. Snyder,
Harland Adams Trax.

BACHELOR OF SCIENCE.

Caleb Barrett Ayars, Jr., Charles Byron Lesher,
Frank Jones Bevan, Otto Warren Reichley,
Mary Protheroe Davies, Samuel Calvin Smith,
Thomas Evans, Jr., William Espy Thompson,
Gottlieb L. Freudenberger, Bessie Helen Wells,
Elbert Huff, Samuel Garber Williams.

MASTER OF ARTS IN COURSE.

Mary Evans Chambers.

DOCTOR OF PHILOSOPHY, PRO MERITO.

Henry Thomas Colestock, A. M., B. D.

HONORARY DEGREES CONFERRED.

MASTER OF ARTS.

Francis Wayland Ayer, James B. Stephenson,
Francis J. Torrance.

DOCTOR OF DIVINITY.

The Reverend William Wickham Case, A. M.
The Reverend Job Hodson Chambers, A. M.
The Reverend Henry Allison Griesemer, A. M.

COMMENCEMENT ADDRESSES.

Baccalaureate Sermon, ... The President.
Special Sermon, ... William T. C. Hanna, D. D.
Address before the Literary Societies, . . . Hon. William M. Chandler.
Address before the Alumni Association, ... Charles A. Soars, A. M.
Poem before the Alumni Association, ... Harry M. Wolfe, A. M.
Address, Academy Commencement, ... Lincoln Hulley, PH. D.
Address, Institute Commencement, { . . . . B. L. Whitman, D. D., LL.D. / . . . . Hon. John Wanamaker.
Address to the College Class, ... The President.

TEACHERS' PERMANENT CERTIFICATES.

Awarded by the State of Pennsylvania to Graduates of Bucknell College, 1900–1901.

Charles Fayette Armour, PH. B.,
Isaac Franklin Bodle, PH. B.,
Emma Miller Bolenius, A. B.,
Joseph Caldwell Carey, SC. B.,
Amzi Wilson Geary, PH. B.,
John Andrew Herman, A. B.,
Elmer Ellsworth Hess, A. B.,
Daniel Edgar Hottenstein, PH. B.,
Creighton M. Konkle, A. B.,
Willard Arthur Laning, A. B.,
Sara Esther Lee, A. B.,
Charles Henry Miller, PH. B.,
Jacob Henry Minick, PH. B.,
Herbert Baldwin Moyer, A. B.,
Edgar Reed, A. B.,
Green Miles Robbins, SC. B.,
Frank Monroe Schaeffer, SC. B.,
Alicia Mitchell Zierden, SC. B.

THE ACADEMY.

INSTRUCTORS AND OTHER OFFICERS.

JOHN HOWARD HARRIS, PH. D., LL.D.,
PRESIDENT OF THE UNIVERSITY.

THOMAS A. EDWARDS, A. M., PRINCIPAL,
GREEK.

REUBEN LAMONT RENTZ, A. M.,
HISTORY AND ENGLISH.

FRANK MORTON SIMPSON, SC. M.,
SCIENCE.

EDWARD BELL, A. B.,
MATHEMATICS.

THOMAS JOHNSON MORRIS, A. B.,
LATIN.

MRS. ANNA M. BLACK,
MATRON.

WILLIAM CHRISTIAN GRETZINGER, PH. B.,
REGISTRAR OF THE UNIVERSITY.

STUDENTS.

THE FOURTH FORM.

CLASSICAL.

NAME.	RESIDENCE.	ROOM.
Amos Ethan Barton,	*Vilas.*	No. 12, Main Hall
William Thomas Coverdale,	*Lewisburg.*	South Sixth Street
John Wallace Green,	*Norristown.*	No. 7, West College
Joseph C. Macro,	*Reynoldsville.*	No. 20, East Hall
Henry Taylor Meyer,	*Rebersburg.*	No. 20, East Hall
Thomas Creveling Riemensnyder,	*Milton.*	Milton
Edwin Warren Rumsey,	*Wellsboro.*	No. 6, Main Hall
James Leigh Shields,	*Lewisburg.*	North Second Street
A. Pierce Waltz,	*Elimsport.*	No. 76, West College

LATIN SCIENTIFIC.

NAME.	RESIDENCE.	ROOM.
Harry Clay Munro,	*White Hall.*	No. 90, West College
John Jenkins Owens,	*Scranton.*	No. 90, West College

SCIENTIFIC.

NAME.	RESIDENCE.	ROOM.
CHARLES NAPOLEON BROSIUS,	*Mt. Pleasant Mills.*	Lewisburg
JOHN CUNNINGHAM,	*Wilkes-Barre.*	No. 31, West Wing
ROSWELL JOHN ROTHROCK,	*Mt. Pleasant Mills.*	No. 5, Main Hall
DONALD BARE SPANOGLE,	*Lewistown.*	No. 9, East Hall
WILLIAM CLYDE WESTCOTT,	*Union City.*	No. 15, East Hall

THE THIRD FORM.

CLASSICAL.

NAME.	RESIDENCE.	ROOM.
FREDERICK RUSSELL BOWER,	*Lewisburg.*	South Sixth Street
JAMES R. C. ELLIOTT,	*Philadelphia.*	No. 11, Main Hall
WILLIAM PORTER GEMMILL,	*Allenwood.*	Allenwood
HAVARD GRIFFITH,	*Wayne.*	No. 76, West College
FRANK PAUL LANGHORNE,	*Philadelphia.*	No. 11, Main Hall
EDWIN WILDE SAYLOR,	*Philadelphia.*	No. 7, West Wing
REINHOLD FERDINAND STOLZ,	*Philadelphia.*	No. 32½, East Wing
JOHN HOWARD STOVER,	*Altoona.*	South Third Street

LATIN SCIENTIFIC.

NAME.	RESIDENCE.	ROOM.
ADIE KYLE BELL,	*Sabbath Rest.*	No. 4, Main Hall
ARTHUR EVRIL MCNINCH,	*Lewisburg.*	South Second Street
JONATHAN WOLFE,	*Lewisburg.*	South Sixth Street

SCIENTIFIC.

NAME.	RESIDENCE.	ROOM.
Ernest Sabin Burrows,	*Picture Rocks.*	No. 22, East Hall
Murray Alvin Collins,	*Picture Rocks.*	No. 22, East Hall
Lloyd Frank Harshberger,	*New Albany.*	No. 21, East Hall
Ira Korn Little,	*Pittsburg.*	No. 14, East Hall
Harry Lincoln Mohn,	*Vilas.*	No. 10, East Hall
Edwin Leroy Royer,	*Rebersburg.*	No. 19, East Hall
Robert Jacobi Simington,	*Mooresburg.*	No. 12, Main Hall
Harry Lowry Tomb,	*Wilkinsburg.*	No. 17, East Hall
Andrew Dewitt Vandling,	*Northumberland.*	No. 5, Main Hall

THE SECOND FORM.

NAME.	RESIDENCE.	ROOM.
Stephen Gardner Duncan,	*Lewisburg.*	South Second Street
James Andrews Groff,	*Lewisburg.*	Lewisburg
Clyde Henry Haines,	*Winfield.*	Winfield
Harold Burrows Henderson,	*Montgomery.*	Montgomery
Joseph Wells Henderson,	*Montgomery.*	Montgomery
Arthur Jones,	*Williamstown.*	No. 24, East Wing
Victor Allen McHenry,	*Cambra.*	No. 8, East Hall
Charles Henry O'Neill,	*Philadelphia.*	No. 11, Main Hall

NAME.	RESIDENCE.	ROOM.
Albert Waffle Owens,	*Lewisburg.*	South Sixth Street
Preston Mettler Savidge,	*Sunbury.*	Sunbury
Ralph Llewellyn Thomas,	*Lewisburg.*	Lewisburg
Howard Irving Williams,	*Susquehanna.*	No. 6, Main Hall
John J. Williams,	*Mt. Carmel.*	No. 21, East Wing
Charlemagne Tower Wolfe,	*Lewisburg.*	Lewisburg

THE FIRST FORM.

NAME.	RESIDENCE.	ROOM.
Robert Burns Campbell,	*Kane.*	No. 20, East Hall
Robert Edgcomb,	*Galeton.*	No. 10, East Hall
Herman Henry Klerx,	*Sunbury.*	Sunbury
Roy W. M. Kuhn,	*Mt. Pleasant.*	No. 8, Main Hall
Alvin Ulysses Leonard,	*Austinville.*	No. 17, East Hall

STUDENTS PURSUING SELECT STUDIES.

NAME.	RESIDENCE.	ROOM.
Albert Daniel Barton,	*Philadelphia.*	No 13, East Hall
Charles Rodman Barton,	*Philadelphia.*	No. 13, East Hall
Samuel James Black,	*Franklin.*	No. 43, West College
John Blood, Jr.,	*Lewisburg.*	North Third Street
Harry F. Douglass,	*Bradford.*	No. 31, West Wing

NAME.	RESIDENCE.	ROOM.
Andrew Curtis Feinour,	*Milton.*	No. 22, East Hall
Norman Buckland Gardner,	*Sunbury.*	Sunbury
John Gillis,	*Nanticoke.*	No. 24, East Wing
Charles M. Griminger,	*Altoona.*	No. 3, West Wing
Edwin Wingert Gundy,	*Lewisburg.*	Lewisburg
George Bailey Harris,	*Lewisburg.*	University Avenue
Spenser Tillinghast Harris,	*Lewisburg.*	University Avenue
John Frank Hennessey,	*Irwin.*	No. 3, Main Hall
Harry Isaiah Hess,	*Nanticoke.*	No. 12, West Wing
James L. Keiser,	*West Milton.*	West Milton
Howard Eugene Krause,	*Williamsport.*	No. 9, East Hall
John Roy McKnight,	*Sabbath Rest.*	No. 4, Main Hall
Carl Eugene Patchin,	*Patchinville.*	No. 23, East Hall
Erastus Hill Pettebone,	*Dorranceton.*	No. 13, West Wing
James Rees,	*Nanticoke.*	No. 8, Main Hall
Simon Clemson Reichard,	*Wilkes-Barre.*	No. 31, West Wing
Russell Leighton Sanders,	*Dry Valley X-Roads.*	Dry Valley X-Roads
Ricardo Segrera,	*Santiago de Cuba.*	No. 18, East Hall
William A. Shipp,	*Shamokin.*	No. 30, East Wing
A. Loomis Taylor,	*Irwin.*	No. 21, East Hall
Rowland Arthur Thayer,	*Erie.*	No. 3, Main Hall
Fred William Veil,	*Williamsport.*	No 12, West Wing
George Albert Wiegel,	*Irwin.*	No. 16, West Wing

SUMMARY.

The Fourth Form, Classical,	9	
" " Latin Scientific,	2	
" " Scientific,	5	
		16
The Third Form, Classical,	8	
" " Latin Scientific,	3	
" " Scientific,	9	
		20
The Second Form,	14	
The First Form,	5	
Students Pursuing Select Studies,	28	
		47
Total in Academy,		83

Students enrolled in other departments of the University who receive instruction in the Academy classes.

Greek of the Fourth Form,	7
" " Third "	4
Latin " Second "	5
Total receiving instruction in Academy classes,	99

COURSES OF STUDY.

The Academy is designed to fit pupils for College, for Teaching, or for Business. It offers three Courses of Study.

I. **The Classical Course** extends through four years and is arranged to meet the requirements for admission to College. The study of Latin begins with the First Form and continues for four years. The study of Greek begins with the Third Form and continues for two years. Notwithstanding the time given to these branches of study, fully one-half of the time of the entire course is devoted to English, Historical, Mathematical, and Scientific subjects.

II. **The Latin Scientific Course** extends through four years and furnishes adequate preparation for either division of the Philosophical Course in College. The First and Second Forms of the Classical and the Scientific Courses are identical. In the Third and Fourth Forms, the student preparing for the Latin Division substitutes Historical and Scientific subjects for the Greek of the Classical Course; while the student preparing for the Greek Division substitutes the Greek of the Third and Fourth Forms for the Latin and includes Historical and Scientific subjects.

III. **The Scientific Course** extends through four years and prepares for the Corresponding course in College. For the Vergil and the Cicero of the Latin Scientific Course, it substitutes one term of Advanced English, one term of Chemistry, and one year of German.

Students who are able to accomplish more work in the allotted time than is required by the Classical Course, are encouraged to add the special studies of the Scientific Course. They may also pursue extra honor work in the Classics by reading, under an instructor's direction, Cæsar's Civil War, Cicero's Letters, or Vergil's Eclogues, and Books IV, V, VI, of the Iliad, or the Cyropædia.

Students will be admitted to the Form for which they are prepared.

Students who do not intend to enter College, but who desire a comprehensive academic training, will find the Scientific, or the Latin Scientific Course, well adapted to prepare them for teaching or for business.

Transient students may elect from the studies offered in any term such branches as they are qualified to pursue.

CURRICULA.

I. THE CLASSICAL COURSE.

FIRST FORM.

I. Term—Arithmetic, English Grammar, History of the United States, Latin, Penmanship, Orthography, Reading.

II. Term—Arithmetic, English Grammar, General History, Latin, Penmanship or Drawing, Orthography and Etymology, Reading.

III. Term—Arithmetic, English Language, General History, Latin, Penmanship or Drawing, Orthography and Etymology, Reading.

SECOND FORM.

I. Term—Higher Arithmetic, Latin—Lessons, Rhetoric, Penmanship or Drawing, Literature and Elocution, Bible.

II. Term—Book-keeping, Latin—Grammar, Gate to Cæsar, History of Greece, Penmanship or Drawing, Literature and Elocution, Bible.

III. Term—Physical Geography, Cæsar, History of Rome, Elementary Botany, Penmanship or Drawing, Literature and Elocution, Bible.

THIRD FORM.

I. Term—Physics, Latin—Cæsar Composition, Greek—Lessons, Composition, Literature and Elocution, Bible.

II. Term—Algebra,
Vergil's Æneid,
Greek—Lessons,
Grammar,
Composition,
Literature and Elocution,
Bible.

III. Term—Algebra,
Vergil's Æneid,
Xenophon's Anabasis,
Composition,
Literature and Elocution,
Bible.

FOURTH FORM.

I. Term—Algebra, Quadratics,
Latin—Vergil's Æneid,
Prosody,
Xenophon's Anabasis,
Greek Prose Composition,
Literature and Oratory,
Elocution,
Bible.

II. Term—Plane Geometry,
Latin—Cicero's Orations,
Prose Composition,
Homer's Iliad,
Literature and Oratory,
Elocution,
Bible.

III. Term—Plane Geometry,
Cicero's Orations,
Greek—Homer's Iliad,
Prose Composition,
Xenophon's Anabasis,
Literature and Oratory,
Elocution,
Bible.

II. THE LATIN SCIENTIFIC COURSE.

FIRST FORM.

I. Term—Arithmetic,
English Grammar,
History of the United States,
Latin,
Penmanship,
Orthography,
Reading.

II. Term—Arithmetic,
English Grammar,
General History,
Latin,
Penmanship or Drawing,
Orthography and Etymology,
Reading.

III. Term—Arithmetic,
English Language,
General History,
Latin,
Penmanship or Drawing,
Orthography and Etymology.
Reading.

SECOND FORM.

I. Term—Higher Arithmetic, Latin—Lessons, Rhetoric, | Penmanship or Drawing, Literature or Elocution, Bible.

II. Term—Book-keeping, Latin—Grammar, Gate to Cæsar, History of Greece, | Penmanship or Drawing, Literature and Elocution, Bible.

III. Term—Physical Geography, Cæsar, History of Rome, Elementary Botany, | Penmanship or Drawing, Literature and Elocution, Bible.

THIRD FORM.

I. Term—Physics. Latin—Cæsar, Composition, History of England, | Composition, Literature and Elocution, Bible.

II. Term—Algebra, Vergil's Æneid, Literature, | Composition, Literature and Elocution, Bible.

III. Term—Algebra, Vergil's Æneid, Civil Government, | Composition, Literature and Elocution, Bible.

FOURTH FORM.

I. Term—Algebra, Quadratics, Latin—Vergil's Æneid, Prosody, Physiology, or German, | Literature and Oratory, Elocution, Bible.

II. Term—Plane Geometry, Latin—Cicero's Orations, Prose Composition, Astronomy, or German, | Literature and Oratory, Elocution, Bible.

III. Term—Plane Geometry, Cicero's Orations, Geology, or German, | Literature and Oratory, Elocution, Bible.

III. THE SCIENTIFIC COURSE.

FIRST FORM.

I. Term—	Arithmetic, English Grammar, History of the United States, Latin,	Penmanship, Orthography, Reading.
II. Term—	Arithmetic, English Grammar, General History, Latin,	Penmanship or Drawing, Orthography and Etymology, Reading.
III. Term—	Arithmetic, English Language, General History, Latin,	Penmanship or Drawing, Orthography and Etymology, Reading.

SECOND FORM.

I. Term—	Higher Arithmetic, Latin—Lessons, Rhetoric,	Penmanship or Drawing, Literature or Elocution, Bible.
II. Term—	Book-keeping, Latin—Grammar, Gate to Cæsar, History of Greece,	Penmanship or Drawing, Literature and Elocution, Bible.
III. Term—	Physical Geography, Cæsar, History of Rome, Elementary Botany,	Penmanship or Drawing, Literature and Elocution, Bible.

THIRD FORM.

I. Term—	Physics, Latin—Cæsar, Composition, History of England,	Composition, Literature and Elocution, Bible.
II. Term—	Algebra, Chemistry, Literature,	Composition, Literature and Elocution, Bible.
III. Term—	Algebra, Advanced English, Civil Government,	Composition, Literature and Elocution, Bible.

FOURTH FORM.

I. Term—	Algebra, Quadratics,	Literature and Oratory,
	German,	Elocution,
	Physiology,	Bible.
II. Term—	Plane Geometry,	Literature and Oratory,
	German,	Elocution,
	Astronomy,	Bible.
III. Term—	Plane Geometry,	Literature and Oratory,
	German,	Elocution,
	Geology,	Bible.
	Latin Review,	

TEXT-BOOKS.

English Language and Literature:—Reed's Word Lessons; Kellogg and Reed's Word Building; Sheldon's Advanced Lessons in English; Reed and Kellogg's Higher Lessons; Butler's Composition; Webster's English; Composition and Literature; Pancoast's Representative English Literature; English and American Classics, various editions.

Mathematics:—Milne's Standard Arithmetic; Wentworth and Hill's Higher Arithmetic; Beman and Smith's Elements of Algebra; Wentworth's Geometry; Bryant's High School Bookkeeping.

History and Government:—McLaughlin's United States; Myers' General; Montgomery's English; Myers' Greece; Myers' Rome; Macy's Civil Government.

Greek:—White's First Greek Book; Goodwin's Greek Grammar; Goodwin's Anabasis; Seymour's Iliad.

Latin:—Collar and Daniell's First Latin Book; Collar's Gate to Cæsar; Bennett's Grammar; Bennett's Latin Prose; Allen and Greenough's New Cæsar; Greenough and Kittredge's Vergil; Allen and Greenough's New Cicero.

Science:—Davis's Physical Geography; Carhart & Chute's Physics; Young's Lessons in Astronomy; Martin's Briefer Course in Physiology; Le Conte's Elements of Geology; Arey's Chemistry.

METHODS OF INSTRUCTION.

The Preparatory Curriculum naturally falls into seven principal lines of study, viz.: English, German, Latin, Greek, History, Mathematics, and Natural Science. These combine, in due proportion, the cultural, the disciplinary, and the practical elements of intermediate education. The two great divisions of modern study, the Classical and the Scientific, are accorded adequate and appropriate preparation. The subjects, facilities, and methods of the various departments are explained below.

I. THE ENGLISH LANGUAGE.

A thorough grounding in the principles of English Grammar is indispensable to the student's progress in the subsequent language studies. The continuous application of this knowledge in Composition, and the constant comparison with the forms and idioms of the Ancient Languages, prepare the way for the study of elementary Rhetoric, and the appreciative reading of English and American Literature.

II. THE LATIN LANGUAGE.

Careful drill is given in the declensions and conjugations, in the use of the moods and the sequences of tenses, in the ready reading of the Latin text, in sight reading and in accurate translation into idiomatic English. Attention is given to the important personal, historical, and political elements in the writings of Cæsar and Cicero. In Vergil, the student is introduced to the poetry, legend, religion, and art of Rome. He is taught to investigate the allegorical, archæological, and mythical allusions of the Æneid, and to appreciate it as the mirror of the life of the Empire. Latin prosody is taught first from the text, and then from the grammar.

III. THE GREEK LANGUAGE.

The first two terms of the Third Form are spent in a thorough study of White's First Greek Book. In the third term Xenophon's Anabasis is read, and special attention is given to acquiring a vocabulary and to the forms and

syntax of nouns, pronouns, and adjectives. In the first half of the Fourth Form the reading of Xenophon is continued. During the last half year Homer's Iliad is read, and the difference between Homeric and Attic Forms is noted. Throughout the course Prose Composition is frequently given for the purpose of acquiring a vocabulary and a knowledge of syntax.

IV. THE GERMAN LANGUAGE.

One year's study of German is required of members of the Fourth Form of the Scientific Course. The same work may be elected by the members of the corresponding form of the Latin Scientific Course instead of the science subjects of that course. In the study of German, the aim is a thorough acquaintance with declensions and conjugations; facility of pronunciation; quick recognition of words both by the eye and the ear; as extensive a vocabulary as the time will allow; and by constant practice to lay the foundation for reading, writing, and speaking the language.

V. HISTORY.

The course in History includes a survey of the History of the United States, of England, of Greece, and of Rome. The aim is to acquaint the student with the life, the genius, the institutions, and the achievements of the respective peoples, and their part in the wider history of mankind.

Civil Government is taught as a preparation for intelligent citizenship. The origin and growth of our institutions, the functions of the various departments of the National, State, and local governments, the political history of the people, the interpretation and construction of the Constitution, are presented and discussed.

VI. MATHEMATICS.

Arithmetic.—To students who are fitting themselves for business, a course is given in practical business Arithmetic, involving all the ordinary problems and practices in the business world. To those who are preparing for college or for teaching, instruction is given in the theory and science of Arithemetic. Pupils are expected to master the principles and then to formulate their own rules.

Algebra.—The course extends through one year, and includes a knowledge of the fundamental principles, Factoring, Divisors, and Multiples, Fractions, Equations, Involution, Evolution, Theory of Exponents, Radicals,

and Quadratic Equations. Daily Blackboard work serves to apply the principles taught. The student is required both to know the methods of the solution of problems and also to explain the operation to the class.

Plane Geometry.—The instruction consists in daily recitations for two terms on the Theorems and Problems given in the text-book, with original demonstrations of the same propositions by the students from hints and figures given in the class-room. Besides this, considerable attention is given to the solution of original Propositions, and the application of principles thus learned to the solution of numerical problems.

Book-keeping.—A practical introduction to the science of accounts is secured in the term devoted to mastering the principles of Double Entry Book-keeping. Careful attention is given to business forms, to the usages of Banks, and to the elements of Commercial Law. The subject may be pursued in its more extended and intricate applications by a second term's work, open to properly qualified students.

VII. SCIENCE.

Physical Geography lays a foundation for subsequent work in all sciences. It surveys the earth's physiography, climate, atmosphere, fauna, flora, ocean tides and currents, and geological agencies. Special attention is given to the physical features of the United States. The subject is illustrated by drawings, photographs, colored and relief maps, and specimens from the Museum.

Botany is taught by text-book, field exercise, plant analysis, and weekly lectures. A brief outline is first obtained of plant structure, physiology, growth, and reproduction. The subject is then reviewed by daily drill in analyzing, recording, classifying, and preserving specimens. The recorded analysis of fifty plants is required. Lectures explaining special forms of vegetable growth, the flora of this country, the cultivation, uses, and history of plants complete the work.

Physiology.—Every effort is made to impart clear ideas of the structure, parts, and functions of the human body. Special attention is given to the chemistry of foods, the laws of health, the effects of stimulants and narcotics. Suggestions are constantly made as to poisons and their antidotes, the care of the sick, disinfection and sanitation, and accidents and emergencies. Charts, manikin, and preparations are used in class.

Physics.—The student is grounded in the elements of mechanics and physics. The apparatus of the College Laboratory is available for use. The historical beginnings of each subject, and subsequent development, are

sketched in brief lectures. No pains are spared to familiarize the pupil with the laws of these sciences, by instruction, experiments, review, and repeated examination. The truth of principles is proved, except where the demonstration involves the mathematics of the higher course in College.

Astronomy.—Descriptive Astronomy discusses the earth's relations to the solar system, the masses, motions, and orbits of each member of it; the causes and consequences of at least five motions of the earth; general boundaries of the constellations of the Zodiac and northern heavens; the theories of comets, meteors, and nebulæ. Charts, star maps, globes, and other apparatus are used, and the student is afforded privileges of observation in the College Observatory.

Geology.—The student masters the elements of lithological, structural, dynamic, and historical Geology. Specimens of various rocks and minerals are handled in class; their composition, characteristics, and place in nature are explained; the structure of the earth in its present form is studied; the history of its evolution, the age and characteristics of its strata, the chief geological features of each continent, and the forces at work, and that have worked to produce changes, are considered.

VIII. ORATORY.

Class Exercises.—Members of the Fourth Form prepare and deliver two original orations each term. All other students have regular exercises in Composition and Declamation throughout the year. Public exercises are held on Saturday morning, before the faculty and students of the Academy. Visitors are cordially invited to these exercises.

In addition to the private rehearsals for the work above indicated, all students receive weekly instruction in Elocution. The course includes careful drill in the Elementary sounds, in Articulation, and in Expression; in Analytical Reading, including the Bible and Hymns; and the reading of Shakspere.

IX. SPECIAL BRANCHES.

Bible Study.—The study of the Bible is pursued as a regular weekly recitation throughout the Second, Third, and Fourth Forms, in all courses of study. A scheme of study is arranged at the beginning of each year. It is intended that the successive schemes for the various years of the course will cover the Life of Christ, the historical portions of the Old Testament foreshadowing the Christ, and the history of the Apostolic Church.

Literature Study.—The reading and study of the masterpieces of English and American Literature is maintained in the Second, Third, and Fourth Forms by means of weekly recitations and conferences. The work required is identical with the "Scheme of Uniform Entrance Examinations in English Language and Literature," adopted by the "Association of Colleges and Preparatory Schools of the Middle States and Maryland." It comprises (a) careful readings of representative works of certain authors, as literature; (b) thorough study as to "subject-matter, form, and structure" of other selections. Regular examinations will determine the student's proficiency.

The Study of Music may be pursued by Academic students under the instruction of Professor E. Aviragnet and his assistants, of the School of Music.

Drawing.—All students of the Academy may receive throughout the year weekly lessons in Free-hand Drawing and Penmanship without extra charge. Special individual instruction in Drawing is afforded at twenty-four dollars per annum.

X. HEALTH AND PHYSICAL CULTURE.

The Tustin Gymnasium affords opportunity for physical exercise. The Directors of the Gymnasium give regular class exercises to the students of the Academy. Attendance upon physicial training in the Gymnasium is obligatory during the Winter Term.

The Athletic Association of the Academy has been formed to encourage and regulate athletic sports. The Association is allowed to arrange match games with other similar bodies by first securing the consent of the Principal.

PUBLIC EXHIBITIONS.

THIRD FORM.

The Public Exhibition in Declamation by the Third Form will take place on Saturday evening, April 19th, 1902, in Bucknell Hall.

FOURTH FORM.

The closing exercises of the Academy will be the Public Exhibition in Oratory of the Fourth Form, on Tuesday morning, June 17th, 1902.

GENERAL INFORMATION.

ADVANTAGES.

To the student seeking preparation for College, the Academy offers unusual inducements. Its proximity to the College secures to him an atmosphere of study, acquaintance with the guides and companions of his future course, and the benefit of numerous literary exercises to be found only in College towns. He has access to the College Library and Reading Room. The Academy is designed to fit its pupils thoroughly for College and Technical Schools, and to lay broad and solid foundations for all subsequent scholarly culture and for the successful conduct of every-day affairs.

GOVERNMENT.

Students are encouraged to regard self-government as the only true government. It will be the constant endeavor to secure uprightness of character, gentlemanly deportment, and diligent application to work, by kind treatment, and high standards in conduct and study.

I. ADMINISTRATION.

1. The general control of the Academy is vested in the President of the University.

2. The government of the Academy, subject to such control, rests with the Principal of the Academy.

3. The government of each Hall is vested in the Instructor in charge, who resides in the Hall and enforces regulations for the Hours of Study, Academy Property, Hygienic Precautions, and General Deportment, and such other prudential regulations as may be ordered by the joint concurrence of the President of the University and the Principal of the Academy.

4. Each instructor shall have charge of his classes with reference to attendance upon recitations. He shall report to the Principal cases of non-attendance, and inexcusable failure on the part of students to prepare regular lessons or special work assigned.

II. VIOLATION OF RULES.

1. Any officer of the Institution becoming cognizant of any violation of regulations by any pupil shall report the same to the Principal of the Academy, who shall make a record of the fact in a book provided for the purpose.

2. Every violation of the laws and prudential regulations of the Academy will subject the offender to a penalty of demerits, graded according to the flagrancy and frequency of the offense.

3. When the sum of a pupil's demerits equals ten it shall be the Principal's duty to notify the parent or guardian of the offender, specifying the offense; for every additional five demerits like notification shall be made.

4. Additional disciplinary penalties in the form of reprimand, "campus," suspension, dismissal, or expulsion, according to the necessities of the case, will follow repeated violations.

BUILDINGS AND ROOMS.

The Academy Buildings are described in detail in the introductory pages of this Catalogue.

The Main Building contains, besides its accommodations for other school and boarding purposes, rooms for students. The rooms are designed to accommodate two students each, and are twenty feet by twelve feet, and fourteen feet high. They are subdivided into a study room twelve feet by ten feet, and a sleeping room nine feet square.

The New East Hall contains combined study and sleeping rooms, each designed for two students. These rooms are fifteen feet by twelve feet, with high ceilings, and contain two commodious closets and two single wire mattress beds with all necessary furniture.

UNFURNISHED ROOMS.

The Academy has a number of unfurnished rooms for the accommodation of students of mature years and of limited means. No attention by servants is given to these rooms, nor are lights supplied. Two students occupy a study room in common. The sleeping rooms are provided with single bedsteads with wire mattress. All other furnishing is to be done by the occupants. While second-hand articles of furniture may be obtained here, it will be to the student's advantage to bring from home bedding and carpets. The dimensions of the study rooms are ten feet by twelve feet; of the sleeping rooms, nine feet by nine feet.

ARTICLES REQUIRED.

Each student should be provided with an umbrella, overshoes, table napkins, towels, soap, and other articles usually required for personal comfort. All articles for the laundry should be marked with the owner's name.

BOARDING.

All students from a distance will occupy rooms and will board in the Academy, except for reasons jointly satisfactory to the President of the University and the Principal of the Academy.

The Principal and his family, the Instructors, and the Matron live in the building, take their meals with the boarders, and strive in all possible ways to secure the welfare and happiness of the students. The instructors occupy rooms adjacent to the students' apartments. The appointments of the Dining Room, the character of the table supplies, the household service in general, are designed to furnish the comforts of a first-class boarding-house. So far as may be warranted by the deportment of the students, there will be absent from the home-life of the school all needless uniformity in irksome limitations, which disregard the reasonable individual preference of pupils.

The Academy gives to furnished rooms daily and complete attention, provides and washes all bedding and bed clothing, and supplies and cares for all lights.

Engagements for board and rooms are expected to continue without change to the end of the school year for which they are made.

APPLIANCES.

The Academy is in possession of excellent apparatus for instruction. A select Reference Library, containing Encyclopedias, Lexicons, Dictionaries, Atlases, and various other helps, is accessible to students at all hours. The Classical Recitation Rooms are provided with Kiepert's Wall Maps of Ancient Geography, and with Reinhard's Album of Ancient Antiquities, mounted. Metric apparatus, Maps and Globes render assistance in other directions.

The apparatus of the College also is accessible to the classes for purposes of experiment and illustration.

The College Library, numbering 22,000 volumes, is available for all students.

SCHOOL-ROOM.

In order to insure favorable conditions of study, the Academy maintains a commodious and well-appointed school-room. The school life centers in this room. Here, except when engaged in recitation, day students prepare their work, unless excused for a part of the time, for good cause; here also all the younger students of the lower forms prepare for their recitations. Advanced students and those of maturer years, who have acquired habits of independent study, are granted the privilege of preparing part of their work in their rooms, provided that they maintain high scholarship and excellent deportment.

HOURS.

The time devoted to study and recitation amounts to nine hours every week-day, except Saturday, when it is only two hours. This time should be sacred to its purpose. Parents of day pupils are requested to co-operate with the school in securing attention to evening study hours, and to avoid furnishing occasions or granting excuses for absence.

Students from a distance should be in Lewisburg on the day preceding the opening of each term, and no student should leave until the term has closed. Punctuality in attendance is essential to success in school work.

For terms and vacations, see the Calendar of the University.

STANDING AND PROMOTIONS.

The weekly average of marks for recitations are recorded, and also failures in conduct and attendance. The scale for such markings ranges from 10, or perfect, to 0, or inexcusable failure. Unexcused absences count as zero.

Monthly and term examinations are held in the studies thus far completed, and term reports of the average in scholarship, attendance, and conduct of each student are sent to parents or guardians by the Principal.

No student is promoted to the next higher class whose grade in any study is less than 7.

Students who complete the Preparatory Courses of Study are admitted to standing in corresponding divisions of the Freshman Class in the College, upon the Principal's certificate, without examination.

All students who complete in a satisfactory manner any of the Courses of Study, and who have sustained irreproachable character during their school residence, shall be entitled to the diploma of the Academy.

Students attaining an average standing of 9 are encouraged to take work additional to the Regular Courses of Study.

PRIZES.

THE HARRY S. HOPPER PRIZE.

Mr. Harry S. Hopper, of Philadelphia, Chairman of the Board of Trustees, offers an annual prize for excellence in Composition.

This prize for 1901 was awarded to Joseph S. Bittenbender.

THE REV. DAVID PORTER LEAS PRIZE.

Rev. David P. Leas, of Philadelphia, Treasurer of Bucknell University, offers an annual prize to that member of the Third Form who shall excel in the Annual Exhibition of Third Form in Declamation.

This prize of 1901 was awarded to Harry Clay Munro.

THE WILLIAM E. MARTIN PRIZE.

Principal Edwards offers an annual prize, named in honor of Professor William E. Martin, to that member of the Fourth Form who shall pronounce the best oration at the Academic Graduating Exhibition.

LITERARY SOCIETY.

This is a voluntary organization of students for mutual improvement in literary and oratorical exercises. It has a large and convenient hall in the Main Academy Building, where meetings are held on Friday evenings.

RELIGIOUS SERVICES.

The duties of each day are opened with devotional exercises, which all students are required to attend. Devotional exercises are also held every evening, just before the evening study hour. All Academic students residing on the University campus are required to attend these exercises.

Regular attendance at Sunday-school and upon public worship at some church on Sunday morning, is required; also upon services on Thanksgiving Day, and the Day of Prayer for Colleges. Attendance upon Christian Endeavor or other like Young People's Society, and the mid-week prayer-meetings, while voluntary, is strongly urged upon students.

Parents or guardians are requested to indicate to the Principal the church which they desire their sons or wards to attend.

The Academic students maintain a branch of the Young Men's Christian Association, which holds a weekly prayer-meeting on Tuesday evenings.

EXPENSES.

EAST HALL.

	Per Annum.
Tuition, Board, Furnished Room, Heat, Lights, Care, Washing, and Incidentals, ...	$230 00

MAIN HALL.

Tuition, Board, Unfurnished Room, Heat, Washing and Incidentals, ...	185 00
Tuition, and Incidentals to day pupils, ...	55 00

All charges are payable to the Registrar of the University in advance, at the beginning of each term, that is, by the 25th of September, 10th of January and of April.

No student is entitled to his place in his class until he has made settlement for the term bills.

An extra charge will be made for washing more than 12 pieces per week.

Students who remain in the Academy during the holiday or spring vacation will be charged at the rate of $4.50 per week. Table boarders will be charged the regular rate, $3.00 per week.

Free scholarships covering tuition are provided in all the departments of the University for the children of Ministers of the Gospel *in actual service.*

The expenses for Music and Printing for Exhibitions and Anniversary occasions are paid by the classes for which such expenses are incurred.

For information respecting the Academy, address the President of the University, or the Principal, Thomas A. Edwards, A. M.

THE INSTITUTE.

INSTRUCTORS AND OTHER OFFICERS.

JOHN HOWARD HARRIS, PH. D., LL. D.,
PRESIDENT OF THE UNIVERSITY AND INSTRUCTOR IN PSYCHOLOGY.

EVELINE JUDITH STANTON, PH. M., PRINCIPAL,
AND INSTRUCTOR IN ENGLISH LITERATURE.

ELYSÉE AVIRAGNET, A. M., MUS. DOC.,
VOCAL AND INSTRUMENTAL MUSIC AND THE ROMANCE LANGUAGES.

MAUD ELIZABETH HANNA, A. M.,
LATIN AND GERMAN.

JULIET AIKIN,
INSTRUMENTAL MUSIC.

CANDACE WOOD,
ART.

GERTRUDE LEVERICH KNOX,
VOCAL AND INSTRUMENTAL MUSIC.

GRACE SLIFER, A. M.,
LATIN AND HISTORY.

JENNIE DAVIS, PH. B.,
ETHICS AND ENGLISH.

MAYE STATA PECK,
INSTRUMENTAL MUSIC.

EDITH SCHILLINGER,
ELOCUTION AND GYMNASTICS.

FRANK M. SIMPSON, SC. M,
SCIENCE.

EDWARD BELL, A. B.,
MATHEMATICS.

WILLIAM CHRISTIAN GRETZINGER, PH. B.,
REGISTRAR.

DIRECTORY OF THE ALUMNÆ.

OFFICERS OF THE ALUMNÆ.

President, MRS. MARTHA WOLFE.
Vice-President, MISS ANNIE EVANS.
Recording Secretary, MRS. HAROLD M. MCCLURE.
Corresponding Secretary, MISS ANNA CURZON JUDD.
Treasurer, MRS. J. W. VAN VALZAH.

Board of Managers.

THE OFFICERS OF THE ASSOCIATION AND MISS MARGARET CLINGAN AND MRS. WEBER L. GERHART.

OFFICERS OF THE LEWISBURG ALUMNÆ CLUB.

President, MISS MAUD ELIZABETH HANNA.
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Secretary, MISS ELIZA MARTIN.
Treasurer, MISS MABEL THOMAS.
Corresponding Secretary, MISS ANNA VAN GUNDY.

OFFICERS OF THE PHILADELPHIA ALUMNÆ CLUB.

President, MISS NELLIE W. CONARD.
Vice-President, MRS. F. W. TUSTIN.
Recording Secretary, MRS. EMMA M. CLEMENT.
Corresponding Secretary, MRS. D. G. MUSSELMAN.
839 North Twentieth Street, Philadelphia.
Treasurer, MRS. JOHN T. REILLY.

The Principal of the Institute will esteem it a favor if any graduate who changes her residence will give notice of her new address. She will also be grateful for any information that will assist in making the directory of the graduates and former students complete.

GRADUATING CLASS, 1901.

NAME.	RESIDENCE.
Nellie Egolf,	*Douglassville.*
Harriet Anna Emerick,	*Milton.*
Clara Estelle Mattis,	*Lewisburg.*
Elizabeth Eva Reed,	*Lewisburg.*
Elsie Caroline Seiler,	*Lewisburg.*
Ruth Stephens,	*Lewisburg.*

NAMES OF STUDENTS.

GRADUATE STUDENTS.

NAME.	RESIDENCE.	ROOM.
Mary Florence Higgins,	*Lewisburg.*	South Fourth Street
Marie Louise Leiser,	*Lewisburg.*	St. George Street
Lavinia Bessie Magee,	*Clarion.*	Institute

THE SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Grace Margaret Brubaker,	*Elk Horn, W. Va.*	North Third Street
Marjorie Ellen Church,	*Union City.*	Institute
Margaret Forgeus,	*Huntingdon.*	Institute
Eva Irene Ginter,	*Lewisburg.*	Market Street
Marian Elizabeth Ginter,	*Lewisburg.*	Market Street
Edith Hedges Kelly,	*Lewisburg.*	Third Street
Rachel May Kunkel,	*Bucknell.*	Bucknell
Elizabeth Briton Meek,	*Allenwood.*	Allenwood
Julia Ella Murphy,	*Lewisburg.*	South Fifth Street

NAME.	RESIDENCE.	ROOM.
Emma Alder Nesbit,	*Lewisburg.*	Market Street
Sarah Ellis Nesbit,	*Lewisburg.*	Market Street
Ruth Amelia Shorkley,	*Lewisburg.*	South Third Street
Mary Bess Stephenson.	*Mahaffey.*	Institute

THE FOURTH YEAR CLASS.

NAME.	RESIDENCE.	ROOM.
Cottie Gudila Albright,	*Lewisburg.*	Market Street
Mary Isabel Campbell,	*Kane.*	Institute
Theodora May Campbell,	*Lewisburg.*	Lewisburg
Helen Sidney Houghton,	*Lewisburg.*	South Seventh Street
Louisa Mattis,	*Lewisburg.*	South Third Street
Sarah Alder Mitman,	*Lewisburg.*	North Third Street
Mary Elizabeth Seaman,	*Allentown.*	Institute

THE THIRD YEAR CLASS.

NAME.	RESIDENCE.	ROOM.
Irene Emma Barton,	*Torresdale.*	Institute
Catherine Elizabeth Bowman,	*Anacostia, D. C.*	Institute
Josephine Brown,	*Allenwood.*	Allenwood
Helen Irene Cooke,	*Denver, Col.*	Institute
Ruth Hammitt,	*Philadelphia.*	Institute

NAME.	RESIDENCE.	ROOM.
Nina Plian,	*Bangkok, Siam.*	Institute
Edith Sarah McNinch,	*Lewisburg.*	First Street
Elsie Butler Steele Payne,	*Philadelphia.*	Institute
Carrie Belle Roos,	*Lewisburg.*	South Sixth Street
Maud Johanna Schubert,	*Bradford.*	Institute
Brenda Lyman Simons,	*Philadelphia.*	Institute
Mary Georgiana Stanton,	*Chinchilla.*	Institute
Sarah Foster Steans,	*Mifflinburg.*	Institute

THE SECOND YEAR CLASS.

NAME.	RESIDENCE.	ROOM.
Harriet Lucy Ballentine,	*Reidsburg.*	St. George Street
Arabella O'Neill,	*Philadelphia.*	Institute
Elsie Owens,	*Lewisburg.*	South Sixth Street
Mary Stein,	*Lewisburg.*	North Third Street
Mary Foulkrod Unruh,	*Fox Chase.*	Institute
Dorothy Walls,	*Lewisburg.*	South Third Street
Christina Helen Williams,	*Ansonville.*	Institute
Jeanette Keen Wolfe,	*Lewisburg.*	St. George Street

FIRST YEAR CLASS.

NAME.	RESIDENCE.	ROOM.
Lucile Marie Cooke,	*Denver, Col.*	Institute
Frances Lloyd Groff,	*Lewisburg.*	Lewisburg

PURSUING SELECT STUDIES.

NAME.	RESIDENCE.	ROOM.
LULU MARGARET BIDDLE,	*Lewisburg.*	South Third Street
CLARE MAY BIDLESPACHER,	*Trout Run.*	Institute
ANNA ELIZABETH BIEBER,	*Montandon.*	Montandon
LOLA EVELYN BURCHINAL,	*Uniontown.*	Institute
ANNA MARGARET CAMPBELL,	*Kane.*	Institute
CLARA LORENA CASSELL,	*Hummelstown.*	Institute
FLORENCE CORNELIUS,	*Sunbury.*	Sunbury
LILLIAN ELIZABETH DAVIS,	*Mt. Carmel.*	Institute
MAYME DAVIS,	*Knoxville, Tenn.*	Institute
GERTRUDE MARGUERITE FIKE,	*Dundaff.*	Sixth Street
HAZEL BEATRICE FIKE,	*Dundaff.*	Sixth Street
BETTIE CATHERINE FLORIN,	*Johnsonburg.*	Institute
MAUD MAY GREGG,	*Sunbury.*	Sunbury
ESTHER BELLE GODCHARLE,	*Milton.*	Milton
EDITH GERHART,	*Lewisburg.*	North Third Street
MARY HEISER,	*Lewisburg*	Market Street
LULU HEINTZELMAN,	*Penn's Station.*	Institute
MARY BELLE HOOVER,	*Mt. Carmel.*	Institute
MARGARET STELLA JONES,	*Hazelwood.*	Institute
BERTHA MAUD KENYON,	*Carbondale.*	Institute
EDNA LOEB,	*Sunbury.*	Sunbury
HELEN LEONARD,	*Montgomery.*	Montgomery

NAME.	RESIDENCE.	ROOM.
Esther Lenore Lydic,	*Mahaffey.*	Institute
Emma Roletta McClure,	*McKeesport.*	Institute
Marian McIntyre,	*Lewisburg.*	First Street
Helen Mayer,	*Philadelphia.*	North Second Street
Jessie May Nixon,	*Uniontown.*	Institute
Estie Marian Ocker,	*Lewisburg.*	South Seventh Street
Flossie Pethtel,	*New Freeport.*	Institute
Anna Pines,	*Lewisburg.*	Market Street
Mary Poeth,	*Lewisburg.*	Lewisburg
Anna Ringler,	*Montgomery.*	Montgomery
Charlotte Edith Schwing,	*Warren.*	Institute
Katherine Loy Secrest.	*Johnsonburg.*	Institute
Marion Lane Seymour,	*Philadelphia.*	Institute
Artelissa Steele,	*Milton.*	Milton
Mellie Armstrong Westcott,	*Camden, N. J.*	Institute
Lucy Wolfe,	*Montandon.*	Montandon

SUMMARY.

Graduate Students,	5
Seniors,	13
Fourth Year,	7
Third Year,	13
Second Year,	8
First Year,	2
Pursuing Select Studies,	38
Total in Institute,	86

COURSES OF STUDY.

The Bucknell Institute offers to young women three courses of study, each extending over five years. Students are admitted to advanced standing, if, upon examination, they are found to have satisfactory knowledge of the branches which the class they propose to enter has already completed.

Credentials from Graded Schools are accepted in the studies of the First and Second Years.

Credentials are accepted for the Third and Fourth Years from schools whose curricula are equivalent to that of Bucknell Institute: also from accredited private teachers, in studies which are *continued* after entrance.

I. THE LITERARY COURSE.

The Literary Course embraces, in MATHEMATICS, Arithmetic, common and advanced, Algebra and Geometry, plane and solid, and Higher Algebra with Trigonometry and Analytical Geometry as electives; in LATIN, two years *required*, and a third year elective with German or French; in GERMAN and FRENCH, one year each or two of either; and in ITALIAN and SPANISH, an optional course; in SCIENCE, Physical Geography, Botany, Astronomy, Physics, Physiology, Chemistry, and Geology. In these branches the students have the advantages afforded by the College Observatory, Laboratory, and Museum. The course also includes Rhetoric, Composition, Civil Government, Psychology, Ethics, and History of Art.

Special attention is given to History and Literature, to the former of which six and to the latter of which three terms are devoted.

II. THE CLASSICAL COURSE.

The Classical Course embraces in MATHEMATICS, Arithmetic, Algebra, Geometry, plane and solid, University Algebra, Trigonometry, and Analytical Geometry; in LATIN, Grammar and Composition, Cæsar, Vergil, Cicero's Orations, Cicero de Senectute et de Amicitia, Livy, and Paterculus, in all, four years; in GREEK, Grammar and Composition, Xenophon's Anabasis, Homer's Iliad, Lysias' Orations, Plato's Apology, Homer's Odyssey, and the

Greek Testament, in all three years; in HISTORY, General History, and Greek and Roman History.

Students who complete the Classical Course are admitted to the Sophomore Class in College as candidates for the first degree in Arts.

III. THE LATIN SCIENTIFIC COURSE.

The Latin Scientific Course corresponds to the Classical course, except that scientific subjects are substituted for the first two years of Greek, and German for the third year of Greek.

Students who complete the Latin Scientific Course are admitted to the Sophomore Class in College as candidates for the first degree in Philosophy.

Students in the fifth year Classical or Latin Scientific course recite to the professors of the College.

SELECT STUDIES.

Students who do not wish to pursue a course of study may elect such subjects in connection with the recitations of the regular classes as they may be qualified to pursue.

REQUIREMENTS FOR ADMISSION.

The required age for admission to the first-year class or to pursue select studies is twelve years, and a proportionate increase of age for admission to advanced classes.

CURRICULA.

I. THE LITERARY COURSE.

FIRST YEAR.

I. Term—Arithmetic, Bible,
United States History, Composition,
English Grammar, Penmanship.

II. Term—Arithmetic, Bible,
General History, Composition,
English Grammar, Penmanship,
Physical Culture.

III. Term—Arithmetic, Bible,
General History, Composition,
English Language, Penmanship.

SECOND YEAR.

I. Term—Latin—Lessons, Bible,
Rhetoric, Composition,
Higher Arithmetic, Reading.

II. Term—Eutropius, Bible,
Latin Grammar, Composition,
History of Greece, Reading,
Book-keeping, Physical Culture.

III. Term—Cæsar's Commentaries, Bible,
Physical Geography, Composition,
Botany, Reading.
History of Rome,

THIRD YEAR.

I. Term—Cæsar's Commentaries, Bible,
Physics, English Classics,
English History, Composition,
Drawing.

II. Term—Vergil,
Algebra,
Astronomy,
Bible,
Composition,
English Classics,
Drawing,
Physical Culture.

III. Term—Vergil,
Algebra,
Civil Government,
Drawing.
Bible,
Composition,
English Classics,

FOURTH YEAR.

I. Term—Vergil, *or*
German,
Algebra, Quadratics,
Physiology,
Bible,
Composition,
Drawing,
Elocution.

II. Term—Cicero, *and*
Latin Prose Composition, *or*
German,
Geometry,
Chemistry,
Bible,
Composition,
Elocution,
Physical Culture.

III. Term—Cicero, *or*
German, *and*
Geometry,
Geology,
Bible,
Composition,
Elocution.

SENIOR YEAR.

I. Term—Psychology,
English Literature,
French, *or*
German, *or*
{ Higher Algebra,
{ Solid Geometry,
Bible,
Composition,
Elocution.

II. Term—English Literature,
History of Art, *or*
French, *or*
German, *or*
Trigonometry,
Bible,
Composition,
Elocution,
Physical Culture.

III. Term—Ethics,
American Literature,
French, *or*
German, *or*
Analytical Geometry,
Bible,
Composition,
Elocution.

II. THE CLASSICAL COURSE.

FIRST YEAR.

I. Term—Arithmetic, Bible,
United States History, Composition,
English Grammar, Penmanship.

II. Term—Arithmetic, Bible,
General History, Composition,
English Grammar, Penmanship,
Physical Culture.

III. Term—Arithmetic, Bible,
General History, Composition,
English Language, Penmanship.

SECOND YEAR.

I. Term—Latin—Lessons, Bible,
Rhetoric, Composition,
Higher Arithmetic, Elocution.

II. Term—Latin—Lessons, Bible,
Grammar, Composition,
History of Greece, Elocution,
Book-keeping, Physical Culture.

III. Term—Latin, Bible,
Physical Geography, Composition,
Elementary Botany, Reading,
History of Rome, Physical Culture.

THIRD YEAR.

I. Term—Natural Philosophy, Reading of Classics,
Cæsar's Commentaries, Composition,
Greek—Lessons, Drawing,
Bible, Physical Culture.

II. Term—Algebra, Bible,
Vergil's Æneid, Composition,
Greek Lessons, Reading of Classics,
Grammar, Drawing,
Physical Culture.

III. Term—Algebra, Bible,
Vergil's Æneid, Composition,
Xenophon's Anabasis, Reading of Classics,
Drawing.

FOURTH YEAR.

I. TERM—Algebra, Quadratics,
Latin—Vergil's Æneid,
Prosody,
Xenophon's Anabasis,
Greek Prose Composition,
Bible,
Composition,
Drawing,
Elocution.

II. TERM—Plane Geometry,
Latin—Cicero's Orations,
Prose Composition,
Homer's Iliad,
Bible,
Composition,
Elocution,
Physical Culture.

III. TERM—Plane Geometry,
Cicero's Orations,
Greek—Homer's Iliad,
Prose Composition,
Xenophon's Anabasis,
Bible,
Composition,
Elocution.

SENIOR YEAR.

I. TERM—{Geometry, Algebra,} Cicero de Senectute, {Odyssey, Greek Prose Composition,}
English Bible,
Elocution,
English Composition.

II. TERM—{Trignometry, Algebra,} Livy, {Lysias, Greek Testament,}
Rhetoric,
Elocution,
English Composition,
Physical Culture.

III. TERM—Analytical Geometry,
Paterculus and Pliny,
{Plato, Greek Testament,}
Chemistry,
Elocution,
English Composition.

III. THE LATIN SCIENTIFIC COURSE.

FIRST YEAR.

I. TERM—Arithmetic,
United States History,
English Grammar,
Bible,
Composition,
Penmanship.

II. Term—Arithmetic. Bible,
General History, Composition,
English Grammar, Penmanship,
Physical Culture.

III. Term—Arithmetic, Bible,
General History, Composition,
English Language, Penmanship.

SECOND YEAR.

I. Term—Latin Lessons, Bible,
Rhetoric, Composition,
Higher Arithmetic, Reading.

II. Term—Eutropius, Bible,
Latin Grammar, Composition,
History of Greece, Physical Culture,
Book-keeping, Reading.

III. Term—Cæsar's Commentaries, Bible,
Physical Geography, Composition,
Elementary Botany, Reading.
History of Rome,

THIRD YEAR.

I. Term—Cæsar's Commentaries, Bible,
Physics, Composition,
English History, English Classics,
Drawing.

II. Term—Algebra, Composition,
Vergil's Æneid, English Classics,
Astronomy, Drawing,
Bible, Physical Culture.

III. Term—Algebra, Bible,
Vergil's Æneid, Composition,
Civil Government, English Classics,
Drawing.

FOURTH YEAR.

I. Term—Algebra, Quadratics, Bible,
Latin—Vergil's Æneid, Composition,
Prosody, Drawing,
Physiology, Elocution.

II. Term—	Plane Geometry,	Bible,
	Latin—Cicero's Orations,	Composition,
	Prose Composition,	Elocution,
	English Literature,	Physical Culture.
III. Term—	Plane Geometry,	Bible,
	Cicero's Orations,	Composition,
	Geology,	Elocution.

SENIOR YEAR.

I. Term—	Geometry, Algebra,	English Bible,
	Cicero de Senectute,	Elocution,
	German,	English Composition.
II. Term—	Trigonometry, Algebra,	Rhetoric,
	German,	Elocution,
	Livy,	English Composition.
III. Term—	Analytical Geometry,	Chemistry,
	Paterculus and Pliny,	Elocution,
	French,	English Composition.

METHODS OF INSTRUCTION.

I. PSYCHOLOGY AND ETHICS.

Psychology is taught by text-book and informal lectures. The relation of Psychology to education is made a special feature of the course.

The aim in the Course in Ethics is to make the instruction as practical as possible. Theses on problems in Ethics are required of each student taking the subject in addition to recitations from text-books.

II. LITERATURE AND ART.

LITERATURE is taught by topical outlines, the elaboration of which depends upon a sympathetic study of the masterpieces in connection with the lives and times of the writers. The subject is so presented that a vital experience results rather than an empty form of knowledge. The object of the course is to cultivate and ennoble the emotions, to stimulate the imagination, and to reinforce the will with strong and exalted motives.

THE HISTORY OF ART is a required study in the Senior year, Literary Course. The aim of the course is to give a general knowledge of the development of art and to lead to an acquaintance with individual artists and their work. Some attention is given to the theories concerning the origin of the art-impulse itself, and the law of the mental evolution which has governed the history of art.

III. HISTORY.

History.—Six terms are devoted to this study. The course embraces General History, the History of the United States, of England, of Greece, and of Rome. Efforts are made to convince the learner that History is not mere facts in chronological order, but a record of the development of civilization.

Civil Government is taught as a preparation for intelligent citizenship. The origin and growth of our institutions, the functions of the various departments of the National, State and local goverments; the political history of the people; the interpetation and construction of the Constitution, are discussed.

IV. THE ENGLISH LANGUAGE.

English Grammar.—The aim is to enable the pupils to speak and write the English language with accuracy and force.

Rhetoric is taught as a practical aid to English Composition. Daily exercises in composition are required.

English Composition is required throughout the course. Classes in Composition meet weekly for general criticism and the assignment of work. One essay is required from each student monthly, and an exercise in rapid and concise writing is required weekly.

V. THE LATIN LANGUAGE.

Paradigms of Declension and Conjugation with the Principles of Syntax, are introduced gradually, after many illustrations. English sentences are translated into Latin, readiness in Latin Composition and a correct style being thus acquired.

The following courses are offered: 1. Latin Grammar and Lessons, one term; 2. Eutropius, one term; 3. Cæsar: Gallic war, two terms; 4. Vergil; Æneid, three terms; 5. Cicero: Orations, two terms; 6. Cicero *De Senectute* and Livy, one term; 7. Livy: Books XXI and XXII, one term: 8. Paterculus and Pliny, one term.

VI. THE GREEK LANGUAGE.

The first half of the Third Year is spent in acquiring sufficient knowledge of forms and inflections to commence the study of Xenophon's Anabasis. During the last half year, special attention is given to the inflection and syntax of nouns, pronouns, and adjectives. The reading of Xenophon is continued in the first term of the Fourth Year, and the forms and syntax of verbs made a special study. Homer is then read for one term and a half, and the difference between Homeric and Attic forms is noted. During the last half term Xenophon is reviewed, that the student may refresh her knowledge of Attic Greek, and may not find her transition to College needlessly difficult. Almost daily drill is given in turning into Greek sentences based on the text of Xenophon.

The following courses in Greek are offered to students in the Classical Course: 1. Greek Lessons, two terms; 2. Xenophon: Anabasis, two terms; 3. Homer: Iliad, two terms; 4. Lysias: Orations, one term; 5. Homer: Odyssey, one term; 6. Plato: Apology, one term; 7. Greek New Testament.

VII. MODERN LANGUAGES.

1. **French, Italian, and Spanish.**—The modern languages are taught by comparing them with the mother tongue of the pupil, if there be any relation between them. If there is none, they are compared with the Latin and Greek languages. In French, rules are taught by which the words that are not exactly the same in the two languages are easily made into French.

French syntax is taught by examples and illustrations from readings. The grammar is taught from the language, and not the language from the grammar. Dictation exercises are given from Whitney's Practical French.

As far as practicable only French is spoken in the class-room. Extracts are read from the best French literature. Conversations are held in French on the readings, stories are related, and compositions prepared in French by the pupil.

The aim is to teach the modern languages so that they can be spoken correctly.

The same method is used in teaching Spanish and Italian.

2. **German.**—In the study of German the aim is to get a knowledge of the language in an all-round way. This is accomplished not alone through the study of grammar and the translation of German into English, but by daily practice in conversation, the committing to memory of poems and idioms, and through an acquaintance with biography and the different phases of German life. As little English as practicable is used in the class-room. Throughout the course there is constant sight reading, translation at hearing, and translation from English into German.

The reading of the second year includes the best German authors studied in connection with Keller's History of German Literature.

VIII. MATHEMATICS.

Arithmetic.—Two objects are considered in teaching the subject; first, to give the student a practical knowledge of all ordinary business problems and calculations; second, to develop her ability to think logically and rapidly. The memorizing of rules and mechanical processes is not required, but independent thought, logical analysis and neatness, clearness and accuracy in all written work are demanded. A drill in Mental Arithmetic is combined with the required work of the text-book.

Elements of Algebra.—Three terms are given to this subject. There is thorough drill in the fundamental operations, and the idea that these are simply the applications of arithmetical processes to symbols of general value is kept in constantly in mind. The course includes Quadratic Equations, Theory of Exponents, Variation, and Series.

Geometry.—The course includes Plane and Solid Geometry. Besides the demonstrations of Theorems given in the text-book, original demonstrations and the solution of problems are required.

Higher Algebra.—The topics discussed are: Progressions, Theory of Limits, Differentiation, Development of Functions into Series, Convergency and Summation of Series, Logarithms, Compound Interest and Annuities, Permutations and Combinations, Probability, Continued Fractions, and the Theory of Equations.

Trigonometry.—The course includes Plane and Spherical Trigonometry. Time is given to the numerical illustration of principles for the purpose of making sure that the meaning and use of formulæ, demonstrated and learned, are thoroughly understood.

Analytical Geometry.—The student is taught the elementary properties of the right line and the conic sections. The course is intended to give a clear conception of the method of Cartesian Analysis, rather than an extensive knowledge of its results.

IX. SCIENCE.

Physics.—The student is thoroughly grounded in the elements of mechanics and physics. The historical beginnings of each subject, and subsequent developments, are sketched in brief lectures. No pains are spared to familiarize the pupil with the laws of these sciences by instruction, experiment, review, and repeated examination. The truth of principles is proved, except where the demonstration involves the higher mathematics. The apparatus of the College is available for class use.

Astronomy.—Descriptive Astronomy discusses the earth's relation to the solar system, the masses, motions, and orbits of each member; the causes and consequences of at least five motions of the earth; general boundaries of the constellation of the Zodiac and Northern Heavens; the accepted theories of comets, meteors, and nebulæ. Charts, star maps, globes, and other apparatus are used, and the student is afforded privilege of observation in the College Observatory.

Physical Geography lays a broad foundation for subsequent work in all sciences. Special attention is given to the physical features of the United States. Drawings, photographs, colored and relief maps, and specimens from the Museum, and field-work, aid to make the subject clear.

Geology.—The student is required to master the elements of lithographical, structural, dynamic, and historical Geology. Specimens of various rocks and minerals are handled in class: their composition, characteristics, and place in nature are explained; the structure of the earth in its present form

is studied; the history of its evolution, the age and characteristics of its strata, the chief geological features of each continent, and the forces at work are considered.

Botany is taught by text book and field work. A brief outline is first obtained of plant structure, physiology, growth, and reproduction. Lectures explaining special forms of vegetable growth, and the flora of this country, complete the work.

Physiology.—Every effort is made to impart clear ideas of the structure, parts, and functions of the human body. Special attention is given to the chemistry of foods, the laws of health, and the effects of stimulants and narcotics. Suggestions are also made as to poisons and their antidotes, the care of the sick, disinfection and sanitation, and accidents and emergencies. The subject is illustrated by the use of a manikin, charts, and preparations.

Descriptive Chemistry is taught by text-books, lectures, and experiments. The object of the course is to give the student a general knowledge of the common elements, their sources, uses, compounds, and behavior towards other elements and compounds, and to drill the student in writing formulæ and solving chemical equations. To accomplish this each student will be expected to spend at least five hours each week in the Laboratory, studying the characteristics and reactions of the elements and their compounds, and performing the experiments outlined in the text and lectures. Notes will be kept by each student, describing the experiment and giving the equation which represents the reaction taking place.

X. ELOCUTION.

This department is open to all members of the Institute. Its aim is the correct and effective utterance of thought. Special attention is given to Voice Culture, Articulation, including Pronunciation and Expression. Weekly Rhetoricals afford opportunity for platform work. Bible Reading and the study of Shakspere have places in the course. Special courses are offered to students who wish to take private lessons in elocution.

PHYSICAL CULTURE.

The health of the students is made a prime object of attention, and sanitary requirements are carefully observed. The Institute Gymnasium is furnished with Indian clubs, dumb bells, wands, rings, hoops, guns, wall pulleys, parallel bars, etc., and classes in Physical Culture are organized for the benefit of all students. The exercises practiced are such as tend to

develop grace and strength. The Institute Campus of six acres furnishes facilities for exercises. Lawn Tennis and other outdoor games are encouraged, and exercise in the open air is required.

ÆSTHETIC CULTURE.

It is intended that the pupils of the Institute shall have the influence unconsciously received from painting, music, and refined surroundings, as well as direct instruction in Literature, Music, and Art. Special instruction in Music and Art is given in the schools devoted to those subjects.

The art collection has been recently enriched by a fine painting, "Tobit's Offering to the Angels," presented by Mrs. H. S. Hopper.

The Venus de Milo and other casts have also been added.

SOCIAL CULTURE.

Pupils are trained to observe the usages of good society. Meetings of various organizations for improvement in Literature, Music, and Art, and receptions in charge of the pupils add variety to student life. No effort is spared to give the pupils the advantages of a cultured home. The purpose is to develop the social life of the institution within itself. Students are not permitted, during term-time, to visit in neighboring towns. The number of social functions during a term in limited, aud the consent of the Principal must be obtained for each function at least one month before it is to occur.

RELIGIOUS TRAINING.

The Institute is distinctly Christian in its influence. Morning and evening Chapel in the Hall of the Institute building is attended by all students in the Institute courses, special students, and ladies pursuing studies in the School of Music. College women living in the Institute attend evening Chapel.

Attendance upon Sabbath-school and church services in town is required. All students have weekly recitations in Inductive Bible Study. The students have organized several special classes for Scripture study.

The Young Women's Christian Association, a voluntary society open to the officers and students of the Institute, meets weekly. The regular Tuesday evening prayer-meeting, with other devotional meetings, missionary

and temperance work. Special Bible Classes and College Settlement work are in charge of this Association.

SPECIAL BRANCHES.

1. Italian and Spanish may be taken as optional studies, under the instruction of M. Elysée Aviragnet.

All optional studies must be pursued in connection with the regular classes.

2. Bible instruction is given once a week throughout the entire course.
3. Essays are required of all students each month.
4. Two declamations are required of each student during each term.
5. Exercises in either Elocution or Reading are required once a week of all classes.

PUBLIC EXERCISES.

THE EXERCISES OF THE GRADUATING CLASS.

The Commencement Exercises of the Institute are held in the College Commencement Hall on Tuesday afternoon of Commencement week.

THE EXERCISES OF THE FOURTH-YEAR CLASS.

The Exercises of the Fourth-Year Class, a combined musical and literary entertainment, are held in the Chapel of the Institute on the last Saturday evening in the month of April.

THE CONTEST IN ELOCUTION.

A contest in Elocution for the prize in that subject, open to all members of the Institute, takes place in Bucknell Hall on the second Saturday evening in the month of May.

ALUMNÆ SOCIETIES.

The Alumnæ Association holds its anniversary on Monday afternoon of Commencement week.

The Lewisburg Alumnæ Club meets at the Institute on the second Tuesday evening of each month during term-time.

The Philadelphia Alumnæ Club is composed of graduates living in and near that city.

STUDENTS' LOAN SOCIETY OF BUCKNELL INSTITUTE

In June, 1887, there was organized in connection with Bucknell Institute an association for the purpose of assisting young women of limited means to obtain an education. A fund was established by gifts from the Alumnæ and friends of the Institute. The money is loaned to beneficiaries, who obligate themselves to return it, *without interest*, as soon after their graduation as they may be able.

Before the organization of this Society, many promising students at Bucknell Institute were unable to finish the course of study because there was no provision for financial assistance.

Since 1887, but for the help of this Association, some of the best of our graduates would have been deprived of the training which has fitted them for the positions they now fill as teachers, authors, missionaries, and pastors' helpers.

During the first decade, twenty-four young ladies received aid. More than one-half of these have returned the loan in full.

The Society meets in the parlors of the Institute on the first Wednesday afternoon after the opening of each term, at half-past-two o'clock.

The annual meeting for the election of officers is held at the Institute on the first Wednesday after the opening of the winter term.

The payment of one hundred dollars constitutes the donor a Life Member of the Association; five dollars annually, an Active Member.

Contributions should be sent to the Treasurer, Mrs. T. H. Purdy, Sunbury, Pa. Any information will be given by the President, Mrs. Katharine B. Larison, Cochecton Centre, N. Y., or Mrs. John T. Judd, Corresponding Secretary, Lewisburg, Pa.

THE ART DEPARTMENT.

MISS CANDACE WOOD.

The facilities for the study of Art have been greatly increased by the accommodations allotted to this department, in a special studio, which provides such adjustments for admission of light and unencumbered wall surface as to render it adapted for the execution and display of art production.

For such students as desire opportunity for work preparatory to professional study, and for those who wish to fit themselves to give systematic instruction in drawing, the following course is provided:

First Year.—Drawing in Pencil, Charcoal, and Crayon from solid geometrical forms, and portions of the human figure, with the necessary elements of Perspective, the Laws of Proportion, and the Relations of Light and Shade.

Second Year.—Drawings from the Antique in Coal, Crayon, Sepia, or Oil Monochrome; Modeling in Clay or Wax. Study in Color from Draperies and Still Life.

Third Year.—Composition, Color in Landscape, Pen and Ink Drawing, and Painting in Color from Nature and from Life.

On successful completion of this entire course a certificate of proficiency will be awarded.

Students who do not desire the certificate course, and whose interest is in Decorative Work, will receive the requisite instruction in the latest methods —China Painting, Tapestry, Dyeing, and applied Design in other mediums and materials.

Charges for instruction in Art are as follows:

	Per Annum.
Drawing,	$24 00
Crayoning,	33 00
Painting in Oil, Water Colors, Pastel, or on China,	60 00

	Per Lesson.
Special individual instruction in Painting,	$1 00

Free-hand Drawing is a part of the required work of the school, without extra charge.

ART EXHIBIT.

On the last three days of Commencement week a display of art products by the pupils of the School of Art is made in the Studio. At this time a committee of art students receives and entertains all those who visit the Studio.

GRADUATES IN ART, 1901.

NAME.	RESIDENCE.
George Bailey Harris,	Lewisburg
Lavinia Bessie Magee,	Clarion

STUDENTS OF ART.

NAME.	RESIDENCE.
Catherine Ruth Bower,	Lewisburg
Frederic Russel Bower,	Lewisburg
Marjorie Ellen Church,	Union City
Lillian Elizabeth Davis,	Mt. Carmel
Jane Ridgeway Fowler,	Olean
Mary Allison Fowler,	Olean, N. Y.
Coleman John Harris,	Lewisburg
Reese Harvey Harris,	Lewisburg
Helen P. Magee,	Philadelphia
Lavinia Bessie Magee,	Clarion
Helen Mayer,	Overbrook
Harry Barron Miller,	Lewisburg
Elsie Butler Steele Payne,	Philadelphia
Maye Stata Peck,	Scranton
Charlotte Shields,	Lewisburg
Maud Johanna Schubert,	Bradford
Brenda Lyman Simons,	Philadelphia
Alif Stephens,	Lewisburg
Gertrude Stephens,	Lewisburg
Blanche Stoner,	Mt. Pleasant
Martha Taylor,	Factoryville
Lulu Lois Welliver,	Danville
Jeannette Keen Wolfe,	Lewisburg

CLASS IN DRAWING.

NAME.	RESIDENCE.
Irene Emma Barton,	Torresdale
Katharine Elizabeth Bowman,	Anacostia, D. C.
Josephine Brown,	Allenwood
Helen Irene Cook,	Denver, Col.
Lucile Marie Cook,	Denver, Col.
Frances Lloyd Groff,	Lewisburg
Bertha Maude Kenyon,	Carbondale
Elsie Owens,	Lewisburg
Flossie Pethtel,	New Freeport
Nina Plian,	Bangkok, Siam
Sarah Foster Steans,	Mifflinburg
Mary Unruhe,	Fox Chase
Dorothy Walls,	Lewisburg

GENERAL INFORMATION.

ADVANTAGES.

The Bucknell Institute offers to young ladies superior educational advantages. Its location in a University town assures an atmosphere of study and the benefit of numerous literary exercises, lectures and addresses. The students in the Institute have the use of the Library and apparatus of the Institute, and also of the College Astronomical Observatory, Chemical Laboratory, Museum, and Library, and the various apparatus of the University. An isolated school could not provide for itself these advantages at a cost of less than a quarter of a million dollars.

ADMINISTRATIVE AND OTHER REGULATIONS.

1. The general control of the Institute is vested in the President of the University.

2. The government of the Institute, subject to such control, rests with the Principal of the Institute.

3. Young ladies attending the College or School of Music are subject to the rules and regulations governing young ladies attending the Institute.

RULES.

The laws governing the Institute are enacted by the Board af Trustees.

Any officer of the Institute becoming cognizant of violation of regulations by any pupil shall report the same to the Principal of the Institute, who shall make a record of the fact in a book provided for the purpose. Any second violation by the same pupil shall also be reported to the President of the University; and if, in the judgment of the President of the University, and the Principal of the Institute, the offense be of sufficient gravity, the parent or guardian of the offending pupil shall be notified.

Violations of the regulations of the Institute or infraction of the laws of morality are punished by private reprimand, deprivation of privileges, or private withdrawal from the Institute.

The following are selections from the regulations:

1. No student is allowed to leave the Institute grounds at any time without permission from the Principal.

2. Unless for reasons very satisfactory, students from a distance are not permitted to visit their homes, or to leave the Institute to visit with relatives or friends in town. A student will not be permitted to spend the night with friends in town.

3. None but near relatives and friends from a distance are allowed to visit with boarding students, and such visits must be so arranged as not to interfere with the regular hours of study and recitation.

4. Students are not at liberty to invite guests to their private apartments, or to any part of the building, without permission from the Principal.

5. Teachers and students take their meals at the same table, and no special article of food is served to any one except in case of sickness.

6. Parents and guardians are particularly requested to refrain from furnishing their daughters and wards with *eatables of any kind*, except fruit.

7. Patrons visiting young ladies at the Institute may be accommodated with board at one dollar a day, if there are vacant rooms. In no case will students be required to give up their rooms to visitors. Visitors will conform to the general regulations of the Institute.

8. Regular and systematic exercise, both in the open air and in the Ladies' Gymnasium, is required of each student.

9. In the Regular course the number of daily recitations is fixed. Special students are required to engage in such a number of studies as may, in the judgment of the Principal, be sufficient to occupy their time.

10. The character of each recitation is recorded at the time, and the result, together with a statement of the general industry and deportment of the student, is sent to the parent or guardian at the close of the term.

11. The passing grade in any study is a definite one, and must be attained before promotion can be secured.

12. No room can be reserved for a student unless definitely engaged.

13. The books and current periodicals of the College and Institute Libraries are available for all students.

14. Articles Required.—Each student should be provided with an umbrella, waterproof, overshoes, table napkins, towels, covers for bureau and washstand, counterpanes, sheets and pillow-cases. The size of pillow is twenty by thirty inches; of the bureau, forty-three by nineteen inches; of the washstand, thirty-two by sixteen inches.

Every article of clothing should be marked with the owner's name in full.

It is especially desired that the dress of pupils shall be simple and inexpensive. Wherever practicable, the wardrobe should be prepared at home, to avoid frequent visits to town.

A deposit of one dollar is made for washbowl and pitcher, which is refunded when articles are returned.

PRIZES.

I. BUCKNELL PRIZES.

The following prizes were founded by William Bucknell, of Philadelphia.

1. A First Senior Prize, to be awarded to the member of the graduating class who, being excellent in scholarship during the Senior Year, shall prepare the best essay.

2. A Second Senior Prize, to be awarded to the member of the graduating class, who, being excellent in scholarship during the Senior Year, shall prepare the second best essay.

For the year 1901 the First Prize of twenty-four dollars was awarded to Clara Mattis, and the Second Prize of sixteen dollars to Ruth Stephens.

3. A Third Senior Prize to be awarded to the member of the graduating class who shall attain the highest grade in the studies of the Senior Year. This excludes all grades for studies not in the Senior Year, all Senior studies taken before the Senior Year, and all studies not taken in the Institute.

For the year 1901, this prize of twenty-five dollars was awarded to Ruth Stephens.

4. A First Fourth Year Prize, to be awarded to the member of the Fourth Year Class, who being excellent in scholarship during the year, shall prepare the best Fourth Year essay.

5. A Second Fourth Year Prize, to be awarded to the member of the Fourth Year Class, who, being excellent in scholarship during the year, shall prepare the Second best Fourth Year essay.

For the year 1901 these prizes were awarded as follows: Grace Burchett received the First Prize of twenty dollars, Edith Hedges Kelly the second Prize of fifteen dollars.

The fund consists of $2,000, the income from which is to be devoted to these prizes annually in a manner more particularly defined in the donor's communication to the Trustees.

Themes for the Bucknell Essay Prizes will be drawn from the following works:

For 1902—Shakspere's Merchant of Venice; Macaulay's Essay on Addison; Scott's The Lady of the Lake; Arnold's Sohrab and Rustum.

For 1903—Shakspere's Macbeth; George Eliot's Silas Marner; Lowell's Vision of Sir Launfal; Browning's Guardian Angel.

II. THE ELOCUTION PRIZE.

A prize in Elocution is offered to the student who shall give the best recitation at the Annual Contest.

For 1901 the Prize was awarded to Edith Hedges Kelly.

EXPENSES.

I. **Boarding Students.**—The regular charge for Boarding Students is $230.00 per annum; the other expenses, spending money, books, and clothing will vary with the individual student.

An additional charge will be made where one student occupies a double room alone in the Main Building. Extra charge will also be made for front corner rooms in the West Wing.

Students are charged extra for the washing of dresses, and for the washing of more than 12 pieces per week.

The rooms in the Bucknell College are rented in suites, for which there is an extra charge, depending on the location.

	Per Annum.
Suite on the first floor,	$39 00
Suite on the second floor,	40 00
Suite on the third floor,	28 00

Each suite contains a study and two sleeping apartments, and has accommodations for four persons, and the charge will be divided accordingly.

Students will be charged for damage done to furniture or to the room they occupy.

II. **Day Students.**—The charges for Day students amount to $55.00 per annum.

III. **Extra Studies.**—The charges for Elocution, Drawing and Painting, and Music, will be found under those titles.

Bills are payable *strictly in advance*, on the 15th of September, January, and April.

Checks and drafts should be drawn in favor of the Registrar of the University.

No bill will be made out for a shorter period than one term; and no deductions will be made except in the charge of board in case of a prolonged absence on account of sickness.

The expenses for Music, Printing, and other charges ordinarily incurred at Examination and on anniversary occasions, are paid by the class or classes which incur the expenses.

The fee for Graduation and Diploma is $5.

Free scholarships, covering tuition, are awarded to children of Ministers of the Gospel *in actual service.*

For information respecting the Institute, address the Principal, Miss Eveline Judith Stanton, Ph. M., or the President of the University.

THE BUCKNELL SCHOOL OF MUSIC.

ELYSÉE AVIRAGNET, A. M., MUS., DOC., DIRECTOR.

JULIET AIKIN,

PIANO, ORGAN, HARMONY.

GERTRUDE LEVERICH KNOX,

VOCAL AND INSTRUMENTAL MUSIC.

MAYE STATA PECK,

INSTRUMENTAL MUSIC.

MARY COXE,

ASSISTANT IN INSTRUMENTAL MUSIC.

GRADUATES IN MUSIC, 1901.

NAME.	COURSE.	RESIDENCE.
MABEL MARY BROWNING,	*Vocal and Harmony.*	Orbisonia
KATE CADWALLADER,	*Piano and Harmony.*	Milton
MARY COXE,	*Piano and Harmony.*	Alden
CLARENCE EUGÉNE PROUT,	*Piano and Harmony.*	Wiconisco

NAMES OF STUDENTS.

PIANO.

NAME.	RESIDENCE.
Cottie Gudila Albright,	Lewisburg
Ollie Rothrock Baker,	Watsontown
Irene Emma Barton,	Torresdale
Edythe Belle,	Milton
Lulu Margaret Biddle,	Lewisburg
Clare Mae Bidelspacher,	Trout Run
Anna Elizabeth Bieber,	Montandon
Harriet Bower,	Lewisburg
Katharine Elizabeth Bowman,	Anacostia, D. C.
Florence Rachel Brewer,	Lewisburg
Lola Evelyn Burchinal,	Uniontown
Anna Margaret Campbell,	Kane
Clara Lorena Cassell,	Hummelstown
Sara Gingrich Cassler,	Lewisburg
Elizabeth Cornelius,	Lewisburg
Jennie Coverdale,	Lewisburg
Lillian Elizabeth Davis,	Mt. Carmel
Mayme Davis,	Knoxville, Tenn.
Anna Derr,	Lewisburg
Fannie Derr,	Lewisburg
James Durham,	Watsontown
William Leigh Durham,	Watsontown
Mazie Felsberg,	Montgomery
Gertrude Margaret Fike,	Dundaff
Bettie Catherine Florin,	Johnsonburg
Fred. Voris Follmer,	Milton
Louisa May Gardner,	Sunbury
Edith Gerhart,	Lewisburg
Maud May Gregg,	Sunbury
Lulu Grubb,	Milton

NAME.	RESIDENCE.
Ethel Foster Halfpenny	Lewisburg
Lulu Heintzelman	Pittsburg
Mary Heiser	Lewisburg
Florence Mary Higgins	Lewisburg
Mrs. O. H. Hilliard	Montgomery
Mary Belle Hoover	Mt. Carmel
Margaret Stella Jones	Pittsburg
Anna Curzon Judd	Lewisburg
Bertha Maud Kenyon	Carbondale
Marie Louise Leiser	Lewisburg
Helen Josephine Leonard	Montgomery
Harriett Lewis	Lewisburg
Leah Lindig	Lewisburg
Edna Hannah Loeb	Sunbury
Esther Lenore Lydic	Mahaffy
Emma McClure	McKeesport,
Martha McDonald	Sunbury
Elizabeth Briton Meek	Allenwood
Julia Ella Murphy	Lewisburg
Martha Elizabeth Myers	Punxsutawney
Norma Clifton Nesbit	Lewisburg
Grace Elizabeth Orwig	Lewisburg
Flossie Edith Pethtel	New Freeport, Pa.
Mary Poeth	Lewisburg
Jeannette Pross	Lewisburg
Sarah Jane Roos	Lewisburg
Gertrude Rote	Milton
Helen Rote	Milton
Preston Savidge	Sunbury
Charlotte Schwing	Warren
Mary Elizabeth Seaman	Allentown
Kathryn Loy Secrist	Johnsonburg
Leonora Mae Shamp	Lewisburg
Brenda Lyman Simons	Philadelphia
Mary Georgiana Stanton	Chinchilla
Artelissa Steele	Milton
Ruth Stephens	Lewisburg
Mary Bess Stephenson	Mahaffy
Marion Swalm	Sunbury
Andrew Vandling	Northumberland
Lucy Louisa Wolfe	Montandon
Winona Wolfe	Milton

VOICE.

NAME.	RESIDENCE.
Edna Lorine Bacon,	Dividing Creek, N. J.
Pauline Gress Berger,	Watsontown
Lulu Margaret Biddle,	Lewisburg
Clare Mae Bidelspacher,	Trout Run
Nellie Dunkel,	Lewisburg
Bettie Catherine Florin,	Johnsonburg
Nellie Goddard,	Lewisburg
Maud May Gregg,	Sunbury
Eleanor Gutelius,	Northumberland
Mary Matilda Halfpenny,	Lewisburg
Annie Haines,	Winfield
John Haines,	Sunbury
Mabel Heim,	Sunbury
Lulu Heintzelman,	Pittsburg
Mary Heiser,	Lewisburg
Margaret Stella Jones,	Pittsburg
Bertha Maud Kenyon,	Carbondale
Glenn Laverne Marsh,	Jackson
Martha Elizabeth Myers,	Punxsutawney
Norma Clifton Nesbit,	Lewisburg
Sara Ellis Nesbit,	Lewisburg
Estie Marion Ocker,	Lewisburg
Flossie Edith Pethtel,	New Freeport, Pa.
Anna Pines,	Lewisburg
Minerva Pines,	Lewisburg
Mary Poeth,	Lewisburg
Jeannette Pross,	Lewisburg
Frances Anna Race,	Scranton
Blanche Ringler,	Watsontown
Grace Browning Roberts,	Williamsport
Bess Smith,	Montandon
Mary Snyder,	Winfield
Artelissa Steele,	Milton
Mary Bess Stephenson,	Mahaffy

PIPE ORGAN

Daniel Luther McConnell,	Mifflinburg
May Belle Marsh,	Watsontown
Mrs. Charles J. Wolfe,	Lewisburg

HARMONY AND SCIENCE OF MUSIC.

NAME.	RESIDENCE.
Cottie Gudila Albright,	Lewisburg
Lulu Margaret Biddle,	Lewisburg
Clare Mae Bidelspacher,	Trout Run
Florence Rachel Brewer,	Lewisburg
Lillian Elizabeth Davis,	Mt. Carmel
Mayme Davis,	Knoxville, Tenn.
Mazie Felsberg,	Montgomery
Gertrude Margaret Fike,	Dundaff
Bettie Catherine Florin,	Johnsonburg
Edith Gerhart,	Lewisburg
Maud May Gregg,	Sunbury
Ethel Foster Halfpenny,	Lewisburg
Lulu Heintzelman,	Pittsburg
Mary Heiser,	Lewisburg
Florence May Higgins,	Lewisburg
Mary Belle Hoover,	Mt. Carmel
Anna Curzon Judd,	Lewisburg
Bertha Maud Kenyon,	Carbondale
Marie Louise Leiser,	Lewisburg
Helen Josephine Leonard,	Montgomery
Harriet Lewis,	Lewisburg
Edna Hannah Loeb,	Sunbury
Esther Lenore Lydic,	Mahaffy
Daniel Luther McConnell,	Mifflinburg
Julia Ella Murphy,	Lewisburg
Martha Elizabeth Myers,	Punxsutawney
Norma Clifton Nesbit,	Lewisburg
Anna Pines,	Lewisburg
Mary Poeth,	Lewisburg
Jeannette Pross,	Lewisburg
Kathryn Loy Secrist,	Johnsonburg
Artelissa Steele,	Milton
Marion Swalm,	Sunbury
Lucy Louisa Wolfe,	Montandon

HISTORY OF MUSIC.

Bettie Catherine Florin,	Johnsonburg
Edith Gerhart,	Lewisburg
Florence Mary Higgins,	Lewisburg

NAME.	RESIDENCE.
Mary Belle Hoover,	Mt. Carmel
Anna Curzon Judd,	Lewisburg
Marie Louise Leiser,	Lewisburg
Julia Ella Murphy,	Lewisburg
Jeannette Pross,	Lewisburg
Kathryn Loy Secrist,	Johnsonburg

VIOLIN, VIOLA, VIOLONCELLO, DOUBLE BASS.

William Andrew Bartol,	Lewisburg
Lola Evelyn Burchinal,	Uniontown
Ethel Quay Clush,	Sunbury
Elva Sarah Coleman,	Reynoldsville
Harry Allen Coryell,	Shamokin Dam
George C. Davis,	Milton
Lillian Elizabeth Davis,	Mt. Carmel
Channing Derr,	Lewisburg
Gertrude Margaret Fike,	Dundaff
Norman Gardner,	Sunbury
Roy Hanna,	Bradford
Scott Pardoe Hilliard,	Montgomery
Helen Josephine Leonard,	Montgomery
Glenn Laverne Marsh,	Jackson
Martha Elizabeth Myers,	Punxsutawney
Jessie Nixon,	Uniontown
Estie Marion Ocker,	Lewisburg
Clarence Ira Phillips,	Turbotville
Haydn Parry Prout,	Watsontown
Carrie Bell Roos,	Lewisburg
Hattie Elizabeth Russell,	Wiconisco
Martha Jane Thomas,	Frostburg, Md.

FLUTE.

Norman Thomas,	Lewisburg

CORNET AND BRASS INSTRUMENTS.

Dale Angstadt,	Lewisburg
Abner Bentz,	Bloomsburg
Lynn S. Goodman,	Loganton

NAME.	RESIDENCE.
Ira Korn Little,	Pittsburg
Sarah Jane Roos,	Lewisburg
Kathryn Loy Secrist,	Johnsonburg
John McKissick Snow,	Franklin
Fred. Stannert,	Lewisburg

MANDOLIN.

Sarah Hammill Ayres,	Hightstown, N. J.
Irene Emma Barton,	Torresdale
Mary Isabelle Bower,	Lewisburg
Fern Frick Braddock,	Mt. Pleasant
Laverda Adelia Burgart,	Altoona
Emma Rebekah Ebling,	Danville
Jane Ridgway Fowler,	Olean, N. Y.
Nellie May Goddard,	Lewisburg
L. Morrill Hainer,	Norristown
Samuel A. Hart,	Ringtown
Lulu Heintzelman,	Pittsburg
Fred. Jaekel,	Huntingdon
James Lloyd Kalp,	Mt. Pleasant
Ida Eveline Luchsinger,	West Pittston
Jessie Nixon,	Uniontown
Inez Edna Olds,	Lewisburg
Carrie Belle Roos,	Lewisburg
Carlton Sheldon,	Springboro
Eva Blanche Stoner,	Alverton
Martha Jane Thomas,	Frostburg, Md.
Lulu Welliver,	Danville
David Robinson Walkinshaw,	Greensburg
Mellie Armstrong Westcott,	Camden, N. J.

GUITAR.

Clare Mae Bidelspacher,	Trout Run
Lela Evelyn Burchinal,	Uniontown
Maude Mabel Capwell,	Scranton
Clara Lorena Cassel,	Hummelstown
Helen Isabel Clark,	Mt. Pleasant
Bettie Catherine Florin,	Johnsonburg

NAME.	RESIDENCE.
Royal Ivan Knapp,	Lake Pleasant
Charity Margaret Runyan,	Lewisburg
Helen Agatha Selinger,	McKean
Morton Rutherford Sheldon,	Springboro
Charlotte Elliott Shields,	Lewisburg
Pearl Lois Smith,	Erie
Mary A. Unger,	Danville

SUMMARY.

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Harmony, and Science of Music,	34
History of Music,	9
Violin, Violoncello, Viola, Double Bass,	22
Flute,	1
Cornet and Brass Instruments,	8
Mandolin,	23
Guitar,	13
Total Lessons,	219
Total pupils,	142

COURSES OF STUDY.

The School of Music is under the special charge of a French artist, whose musical education was received at the Conservatory of Music in Paris, and who has had a large and successful experience in teaching. He is supported by competent assistants, and the course is designed to afford every needed facility for the study of Vocal and Instrumental Music. An ample supply of pianos from the best makers is provided for practice, including a Concert Grand.

INSTRUMENTAL MUSIC.

COURSE FOR THE PIANO-FORTE OF FOUR YEARS FOR GRADUATION.

The pupil is required to pursue the most thoroughly approved modern system of technical training. After the first rudiments have been mastered, the course of instruction leads to the practice of *études*, designed to unite with purely technical drill the requirement of artistic style and expression.

PIANO.

FIRST YEAR.

New England Conservatory method, 1 and 2 parts; Le Couppey Ecole Du Méchanisme; Duvernoy Ecole du Méchanisme, books 1, 2 and 3; Kohler, op. 157; Czerny, fifty Studies from op. 261, 821, 599, and 139, ed. of Heinrich Germer; Meyer, Progressive and Melodious Studies; Robert Sutton's "The Elements of the Theory of Music"; Brown, Musical Biographies of Composers.

SECOND YEAR.

Plaidy, Technical Studies: Czerny, Polyrhythmic Studies from op. 139, 834, 335, and 299; Czerny, Studies of Ornamentation from op. 355 and 833; Czerny, twelve Studies from op. 299 and 740; Czerny, thirty studies from op. 299 and 834 (Heinrich Germer Edition); Heller, Expression and Rhythm, op. 135; Kullak, Preparatory Octave Studies; Homer Norris's Practical Harmony; History of Music.

THIRD YEAR.

Clementi, "Gradus and Parnassum;" Tausig, Daily Studies; Kohler Cramer Studies, books 1, 2, and 3; Czerny, thirty-six Octave Studies from op 821, 335, 740, and 834 (Heinrich Germer Edition); Norris, Harmony; Dr. Marx, Universal School of Music.

FOURTH YEAR.

Bach, two and three-voiced invention; Czerny, twenty Studies from op. 325; Czerny, nineteen Studies from op. 740; Czerny, Toccata, op. 92 (Heinrich Germer Edition); Kullak, Octave Studies; Chopin, Studies, Liszt, Studies; Bach, Well-Tempered Clavichord (preludes and fugues); Kullak, Art of Touch; Symphonies of Haydn, Mozart, and Beethoven.

During the year, selected studies from Bertini, Rossellen, Moscheles, Heez, and Thalberg are also given to the pupils.

That the æsthetic development may be proportionately secured, the above exercises are supplemented by the study of the works of the best composers.

COURSE FOR PIPE ORGAN.

The course is based upon:

Dudley Buck Pedal Studies, and upon works of Rink, Batiste, Lefébure-Wely, Guilmant, and others.

COURSE FOR THE VIOLIN.

This course is based upon:

Dancla's School of Mechanism; De Beriot's Violinist's First Guide; Fiorillo's Studies; Alard's Studies; Kreutzer's Studies, etc., with selections from the compositions of the best writers for this instrument.

COURSE FOR THE VIOLONCELLO.

Instruction for this instrument is based upon:

Méthod Pratique pour le Violoncello, par S. Lee; studies by Piatti and Romberg.

COURSE FOR VIOLA.

Bruni's Methods and Studies, by Campagnoli.

COURSE FOR CONTREBASSO (DOUBLE BASS).

Bottesini's Method.

VOICE CULTURE.

COURSE OF THREE YEARS FOR GRADUATION.

Careful instruction is given in the use of the voice, and the correct manner of producing purity of tone. To secure control over the voice and gain for it flexibility, fullness, and durability, thorough drills afforded in such technical exercises as:

Lamperti's and Vannuccini's Italian Methods, Vocalises of Sieber, Concone, Tütgen, Vaccai, Bonaldi, Bordogni, Marchesi, and Ponafka; Lamperti's Studies in Bravura Singing. For expression and the development of a pure style, practice is afforded in singing the best English, German, Italian, and French Songs, Operatic Arias and Solos from the Oratorios.

COURSE IN HARMONY.

It is urgently recommended that the study of Harmony be included in the other musical work, inasmuch as a sound knowledge of its principles is essential to the success of all vocalists and instrumentalists. The text-books used are: Bussler's Harmonic Exercises, Homer Norris's Practical Harmony, Richter's Counterpoint, and Reicha's Course of Musical Composition.

THE ORCHESTRA.

CLASSES FOR ALL ORCHESTRAL INSTRUMENTS.

Students who are sufficiently advanced in any of the above musical instruments will have opportunity of practice in string quartettes, trios, concertos, and symphonies of Beethoven, Mozart, and Haydn.

THE BAND.

A Brass Band, consisting of about twenty pieces, has been organized, and is led by M. Elysée Aviragnet, Director of the School Music. The Band meets weekly in the Laboratory for rehearsal, and furnishes street and concert music for University and town exercises.

RECITALS.

On the Friday evening prior to commencement Week a public recital of the School of Music is held in Bucknell Hall.

The public examination of those who desire certificates of proficiency is

held in Bucknell Hall the Saturday afternoon before commencement. At this time each pupil plays or sings two pieces of high grade, and reads an essay on some subject connected with music.

TUITION.

Extra tuition is charged for instruction in Music, as follows:

	Per Annum.
Vocal Music,	$60 00
Music on Piano *or* Organ,	60 00
Harmony, in Class,	18 00
Harmony, private lessons,	60 00
Use of Instrument for practice,	10 00
Guitar, in Class,	15 00

	Per Lesson.
Special individual instruction in Music,	1 00

No reduction will be made except in case of protracted illness.

Instruction in the Orchestra and in Harmony is free to pupils otherwise studying music.

RESIDENCE OF MUSIC PUPILS.

Pupils in music reside in the Institute, and are under the care of the Principal of the Institute. Students pursuing any of the Institute courses can also take studies in music. Those who wish to make music a specialty are recommended to take at least one study each term in Language or Literature.

The regular charges for pupils in music, residing in the Institute, including one literary subject per term, are $195 per annum. This *does not* include charges for instruction in music, which are determined by the number of lessons taken per week.

GRADUATION IN MUSIC.

Students who complete any of the Courses in Music and pass the examinations, receive a certificate of proficiency. Students will not be ranked as Seniors in Music until they have passed an examination before the Committee. Besides the examination before the Committee for admission to the Senior Class, students will be required to pass a preliminary examination at

the opening of the Spring term, and a final examination before Commencement Week. Students will not be admitted to the final examination unless they have passed the preliminary examinations.

THE AVIRAGNET PRIZES.

Professor Elysée Aviragnet has established two prizes, as follows:

1. A prize of ten dollars for excellence in music.

For 1901 this prize was awarded to Clarence Eugene Prout.

2. A prize of ten dollars for excellence in French.

For 1901 this prize was awarded to Harriet Anna Emerick.

GENERAL REMARKS.

Young ladies attending upon the School of Music are subject to the administration and other regulations enacted by the Board of Trustees for the government of students in the Institute. These rules are given on page 141 of this Catalogue. Students of Music are also entitled to all the privileges of the Institute.

For information respecting the School of Music address the Director, Elysee Aviragnet, Mus. Doc., or the President of the University.

UNIVERSITY CALENDAR.

1902-1903.

Second Term ends . . . . . Friday, March 21, 1902

SPRING RECESS.

Third Term begins . . . . . Thursday, March 27, 1902
Sermon before the Christian Associations, ... Sunday, April 6, 1902
Declamation of the Third Form, Academy, . . Saturday, April 19, 1902
Exercises of the Fourth-Year Class, Institute, . Saturday, April 26, 1902
Contest in Elocution, Institute, ... Saturday, May 10, 1902
Exhibition of the Junior Class, College, ... Friday, May 16, 1902
Examinations, ... Thursday to Saturday, June 12 to 14, 1902
Exhibition, School of Music, ... Friday, June 13, 1902
Junior Debate, ... Saturday, June 14, 1902
Baccalaureate Sermon, ... Sunday, June 15, 1902
Sermon before the Education Society, ... Sunday, June 15, 1902
Examinations for Admission to College, ... Monday, June 16, 1902
Meeting of the Alumnæ of the Institute, ... Monday, June 16, 1902
Oration before the Literary Societies, ... Monday, June 16, 1902
Annual Meeting of the Trustees, ... Tuesday, June 17, 1902
Annual Meeting of the Alumni, ... Tuesday, June 17, 1902
Exhibition of the Fourth Form, Academy, ... Tuesday, June 17, 1902
Graduating Exercises of the Institute, ... Tuesday, June 17, 1902
Oration before the Alumni, ... Tuesday, June 17, 1902
Annual Commencement, the 52d, ... Wednesday, June 18, 1902

SUMMER VACATION.

Examinations for Admission to College, Wednesday, September 17, 1902
First Term Begins, ... Thursday, September 18, 1902
Reception by Christian Associations, . . . Saturday, September 20, 1902
Introductory Address, ... Monday, September 22, 1902
Thanksgiving (recess of three days), . . . Thursday, November 27, 1902
First Term Ends, ... Thursday, December 18, 1902

HOLIDAY RECESS.

Second Term begins, ... Tuesday, January 6, 1903
Day of Prayer for Colleges, ... Thursday, January 22, 1903
Second Term ends, ... Friday, March 27, 1903

SPRING RECESS.

Third Term begins, ... Wednesday, April 1, 1903
Sermon before the Christian Associations, ... Sunday, April 5, 1903
Third Term ends, ... Wednesday, June 24, 1903

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